

REMEDIAL ACTION REPORT

**K. HOVNANIAN COMPANIES
Tank T408-6 (Block 408)
University Heights III - Sites C & E
Newark, Essex County, New Jersey**

Spill Case# 94-12-01-1135-25

Prepared for

**K. Hovnanian Companies
65 Jackson Drive
Cranford, NJ 07016**

Prepared by

**J M Sorge, Inc.
50 County Line Road
Somerville, New Jersey 08876**

JMS Project 92050

March 1995

KHOV005254

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1.0 INTRODUCTION

J M Sorge, Inc. (JMS) was retained by K. Hovnanian at Newark Urban Renewal Corp. III, Inc. (Hovnanian) to provide environmental consulting support services with regard to a discharge from an underground storage tank (UST) located near the corner of Matthew Street and Churchman Street in Newark, Essex County, New Jersey. Please note that Matthew Street was formerly known as Newark Street; Churchman Street was formerly known as Norfolk Street. A general site location map is provided as Figure 1.

The subject property is currently vacant land, although a residential structure had previously been located on the site. The City of Newark owned the property and razed the residential structure in 1993. Hovnanian purchased the vacant land from the City of Newark in late 1993 for the purpose of redeveloping the property as part of a residential condominium complex. The UST was discovered during the preliminary site grading/excavating activities associated with pre-development. Based on communications with site personnel and local officials, it was determined that the tank had apparently been used to store heating oil which fueled the furnace located in the former residential structure on this property. As a result, the tank was un-regulated and was not registered with the New Jersey Department of Environmental Protection (NJDEP).

The tank was discovered by Spectrum Constructors, Inc. (SCI) of Fairfield, New Jersey during the excavation of an area designated for the installation of a section of the site storm water control system. Due to the presence of apparent soil contamination in the vicinity of the UST system, Hovnanian immediately notified the NJDEP Hotline to report the incident, and case number 94-12-01-1135-25 was assigned to the discharge. A written Discharge Confirmation Report was then prepared and submitted to NJDEP in January 1995.

JMS was retained to provide subsurface evaluation services related to the UST discharge at the site. JMS is certified to conduct UST closure and subsurface evaluation activities (#1800007). The UST closure program commenced on December 1, 1994. The following report provides a description of the tank removal program and related remedial activities conducted at the site.

1.1 TECHNICAL OVERVIEW - COMPLIANCE WITH N.J.A.C. 7:26E

The tank closure, remedial and post-remedial activities were conducted in accordance with N.J.A.C. 7:26E-6.3 and 6.4. All samples were collected in accordance with the procedures outlined in the Department's Field Sampling Procedures Manual (May 1992) and the Technical Requirements for Site Remediation (N.J.A.C. 7:26E). Post-excavation soil samples were analyzed by Envirotech

Research, Inc. of Edison, New Jersey (#12543). Laboratory analytical methods were performed in accordance with the requirements outlined in N.J.A.C. 7:26E-2.1; parameters were selected based on the analytical requirements for petroleum storage and discharge areas (N.J.A.C. 7:26E-2.1[d]).

Complete copies of all laboratory analytical reports for the post-excavation samples are provided in Appendix A of this report. As indicated in the laboratory reports, all samples were submitted to the designated laboratory and analyzed within appropriate sample holding times. All laboratory method detection limits were within acceptable ranges, well below the applicable soil cleanup criteria.

The single UST at the site was the only area of concern. As expected from a discharge associated with a #2 heating oil tank, elevated levels of total petroleum hydrocarbons (PHCs) were identified in the affected soils removed during the remedial program.

2.0 FINDINGS/REMEDIAL ACTION REPORT

The former location of the 1,000-gallon, non-regulated #2 heating oil UST is illustrated on Figure 2. The following sections describe the specific tank closure and subsurface evaluation activities implemented by JMS during the removal of this UST system.

2.1 1,000-GALLON #2 HEATING OIL TANK

The tank was located on the southeast corner of Block 408. As illustrated on Figure 2, the tank was positioned approximately 50 feet north of Churchman Street and approximately 70 feet west of Matthews Street. As discussed in Section 1, the tank was discovered on December 1, 1994 during initial excavation activities associated with preparing the razed site for redevelopment; the discharge was discovered when the tank was uncovered. Tank removal was conducted on December 1, 1994 by SCI under the direct supervision of JMS personnel.

The single-walled steel tank measured 4-feet in diameter by 10-feet, 8-inches in length and had a nominal storage capacity of 1,000-gallons. The top of the tank was located approximately 4-feet below the surface (approximately 2 feet of building rubble and 2 feet of native soil).

Prior to fully uncovering the tank, the surficial soils in the area of the UST were visually inspected, and oil staining was observed. Therefore, all surficial soil was removed and stockpiled on plastic sheeting. Once all surficial soil was removed and the top of the tank was exposed, a section of the tank shell

was removed to allow for internal cleaning and inspection of the vessel. Lorco Petroleum Services, Inc. (LORCO) of Old Bridge, New Jersey was contracted to remove the residual tank contents. Inspection of the tank contents revealed the presence of old, weathered heating oil.

Following removal of all free liquids, the interior of the tank was squeegeed and wiped clean with petroleum-absorbent towels. All residuals generated from cleaning the tank were removed by LORCO utilizing an industrial vacuum tank truck. The tank residuals were transported by LORCO to their facility in Old Bridge, New Jersey. LORCO is an NJDEP-licensed waste hauler and oil recycling facility. A copy of the disposal manifest for the residual waste is provided in Appendix B.

Following internal inspection and cleaning, the tank was removed from the excavation by SCI and placed on plastic sheeting. Once secured, JMS personnel inspected the tank shell for evidence of holes or pitting. Several small holes and areas of minor deterioration were identified in the tank shell and in the area of the fill pipe. Following inspection, the empty tank shell was labeled and transported to Absolute Auto & Truck Salvage, Inc. of Middlesex, New Jersey, where it was disposed of as scrap metal. A copy of the receipt for this transfer is provided in Appendix B.

Following tank removal, the excavation was expanded to remove all tank envelope material and surrounding affected soils. The excavation was expanded based on visual observations and screening with a photoionization detector (PID). Since this area of the site was designated for the installation of a section of the site storm water control system, all potentially affected soils were removed to ensure that no significant residual oil contamination remained. Soil excavation activities commenced on December 1, 1994 but were delayed due to weather and site construction activities. Soil excavation activities were completed on December 14, 1994. The final excavation was irregularly shaped and measured an average of approximately 30-feet wide by an average of approximately 45-feet long. The total base area of the excavation was approximately 1,350 square feet. The base of the excavation was located approximately 10.5-feet below grade. Native clay soil was encountered at a depth of 10-feet below grade. No groundwater was encountered in the excavation. Based on a review of data from numerous nearby sites, groundwater at the subject site is expected to occur at a depth of approximately 20 feet below grade. The configuration of the final excavation is illustrated on Figure 2.

Following soil excavation activities, the base and sidewalls of the excavation were inspected and field screened with a PID; no PID readings were obtained. Therefore, on December 14, 1994 JMS collected a total of eight (8) post-excavation soil samples (T408-6PE1 through T408-6PE8). Post-excavation samples were collected in accordance with N.J.A.C. 7:26E-6.4(a)2.ii.(2). Six

(6) soil samples were collected from the base of the excavation sidewalls, resulting in the collection of one sample for approximately every 25 feet of sidewall. Two (2) soil samples were collected from the bottom (base) of the excavation, resulting in the collection of one sample for approximately every 675 square feet of bottom area. The approximate location of each post-excavation soil sample is illustrated on Figure 2.

All samples were analyzed for PHCs. The laboratory analytical results for these analyses are summarized on Table 1. The complete laboratory report is provided in Appendix A. As the results indicate, no PHCs were detected above the laboratory method detection limit of 25 parts per million (ppm).

3.0 SITE RESTORATION AND RESIDUALS DISPOSAL

Since the area of the UST was located within an area designated for the construction of a storm water control system for the site, the excavation was backfilled in stages according to the site construction schedule. A total of approximately 100 tons of clean stone, obtained from Millington Quarry, Inc. was used to backfill portions of the excavated area. The stone material was used in the areas associated with the construction of the storm water control system. Fill delivery tickets/receipts for this material are provided in Appendix C. Since the entire redevelopment project area has a net soil export, the remainder of the excavated area was backfilled with clean, native soils obtained from other portions of the redevelopment site. The storm water system was constructed and the entire area was then brought to the grade required under the site development plan.

As discussed in Section 2, the residual tank contents were transported to the LORCO facility in Old Bridge, New Jersey for recycling (Appendix B). Approximately 450 cubic yards of affected soils were removed during the tank closure program. All soils were stockpiled on, and covered with, 6-mil polyethylene sheeting pending appropriate off-site removal. Soil reuse arrangements were then secured in accordance with the procedures outlined in the Department's Guidance Document for the Remediation of Contaminated Soils.

Prior to obtaining reuse approval from NJDEP, composite samples were collected from the stockpiled material and the samples were analyzed in accordance with the designated recycling facility's permit requirements. A total of five (5) composite samples were analyzed for PHC using both method 418.1 and method 8015. One sample was also analyzed for TCLP metals, PCBs, total organic halides and RCRA characteristics. A copy of the laboratory report for this analyses is provided in Appendix D.

Based on the sample results obtained, it was determined that the soil was considered non-hazardous. Therefore, an exemption to the solid waste flow regulation (N.J.A.C. 7:26-6) was obtained from NJDEP, Bureau of Medical Waste and Technical Assistance for shipment of the soil to an approved facility for reuse. All non-hazardous petroleum contaminated soil (total of 683.9 tons) was then transported to the Soil Remediation of Philadelphia, Inc. (SRP) facility in Philadelphia, Pennsylvania for appropriate reuse/recycling. The soil was removed from the Hovnanian site to the SRP facility on February 9 and 10, 1995. Copies of the NJDEP waste flow exemption approval, the non-hazardous material manifests and the final certificate of destruction/recycling are provided in Appendix E.

4.0 CONCLUSION AND RECOMMENDATIONS

JMS has implemented an UST investigation at the Hovnanian property located in Newark, New Jersey. The investigation addressed a previously abandoned, 1,000-gallon non-regulated heating oil tank which was identified during initial development activities at the site.

All remedial activities were conducted in accordance with N.J.A.C. 7:26E. The results of the post-excavation, verification soil samples have confirmed the effectiveness of the remedial activities conducted at the site. No contaminants remain in excess of the most stringent Soil Cleanup Criteria currently proposed by NJDEP, and no further action is proposed. Therefore, it is requested that the Department close the spill case associated with the discharge at this property.

5.0 TWO-PART CERTIFICATION

PART A

The following certification shall be signed by the highest ranking individual with overall responsibility for implementing the remediation of a site:

"I certify under penalty of law that the information provided in this document is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties."

Printed Name: ROBERT D. JACKSON Title: PRESIDENT

Signature: [Signature] Date: 3/14/95

Sworn and Subscribed Before Me

on this fourteenth

Date of March, 1995

Kelly Higgins

Notary

KELLY HIGGINS
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 25, 1998

PART B

The following certification shall be signed as follows:

- i. For a corporation, by a principal executive officer of at least the level of vice president;
- ii. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively;
- iii. For a municipality, State, Federal, or other public agency, by either a principal executive officer or ranking elected official; or
- iv. For persons other than i. through iii. above, by the person with legal responsibility for the site.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties."

Printed Name: ROBERT D. JACKSON

Title: PRESIDENT

Signature: [Signature]

Date: 3/14/95

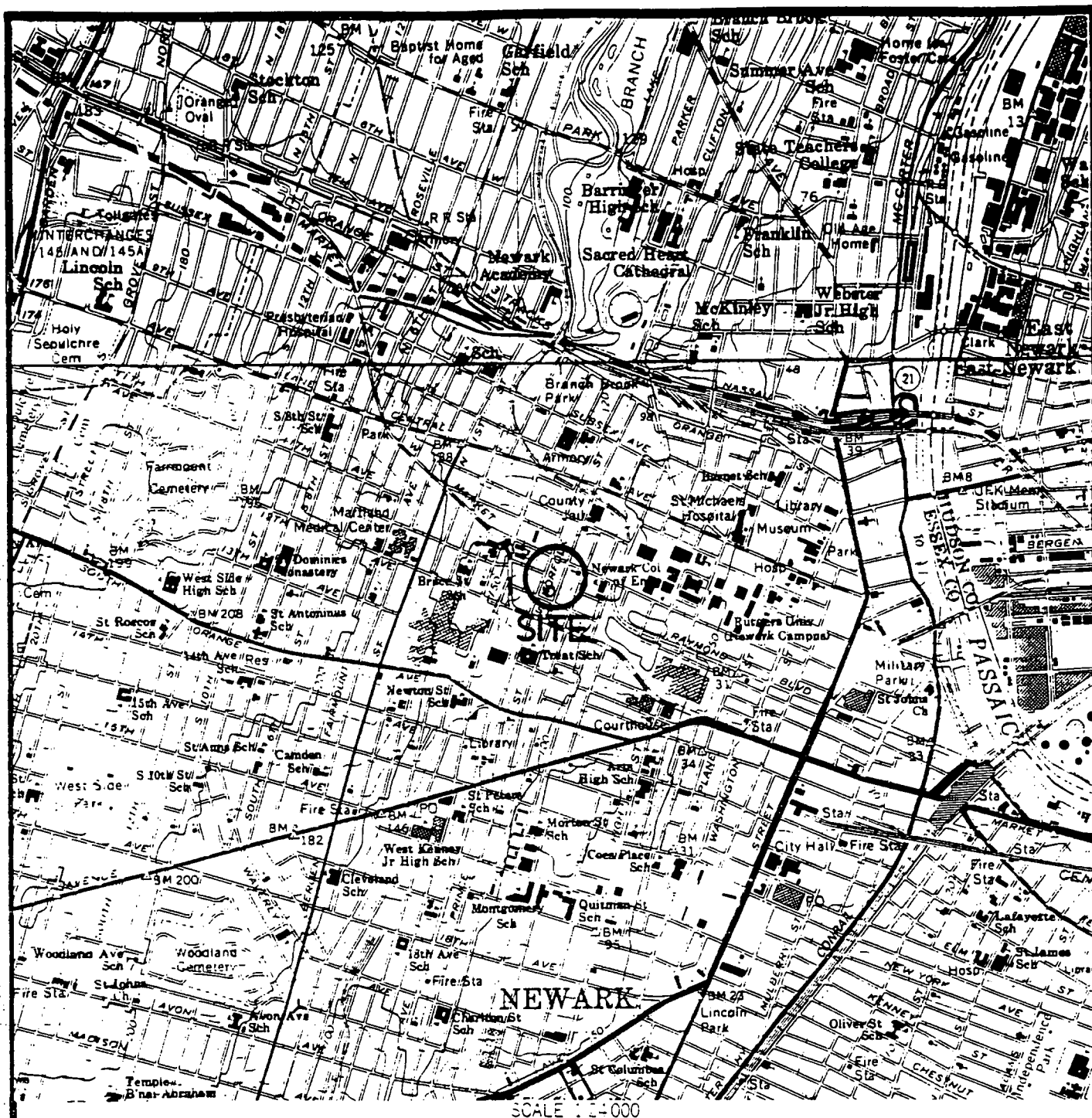
Sworn and Subscribed Before Me

on this fourteenth

Date of March, 1995

Notary Kelly Higgins

KELLY HIGGINS
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 25, 1998



SCALE 1:24,000

SOURCE:

U.S.G.S. 7.5
MINUTE SERIES
ELLIZABETH &
ORGANGE
QUADRANGLES - NJ

CONTOUR INTERVAL 10 FEET

JM SORGE, INC.

HOVNANIAN
SITES E & C

SITE LOCATION MAP

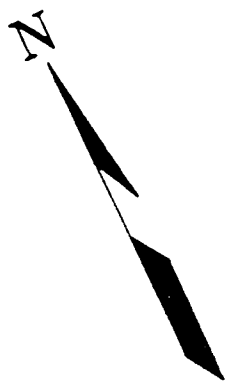
KHOV005264

FIGURE 1

UTM GRID AND 1981 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

592500A0KH

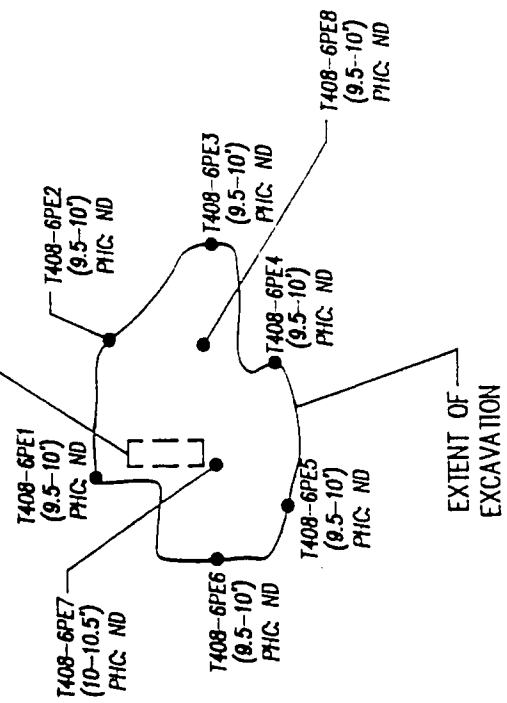
STREET ACADEMY



BLOCK 408

1 STORY
BRICK
BUILDING

FORMER TANK
LOCATION
(T408-6)



NEWARK STREET

JM SORGE, INC. HOVANIAN
SITES E & C

LEGEND

• SAMPLE LOCATIONS



SITE PLAN ILLUSTRATING
POST EXCAVATION SAMPLE LOCATIONS

FIGURE 2

TABLE 1
HOVNANIAN
SOIL SAMPLING RESULTS SUMMARY

SAMPLE NUMBER LABORATORY SAMPLE NUMBER SAMPLE DEPTH (ft) DATE COLLECTED	PROPOSED SOIL CLEANUP STANDARD	T-408-G-PE-1 17716 9.5-10 12/14/94	T-408-G-PE-2 17717 9.5-10 12/14/94	T-408-G-PE-3 17718 9.5-10 12/14/94	T-408-G-PE-4 17719 9.5-10 12/14/94	T-408-G-PE-5 17720 9.5-10 12/14/94	T-408-G-PE-6 17721 9.5-10 12/14/94	T-408-G-PE-7 17722 10-10.5 12/14/94	T-408-G-PE-8 17723 10-10.5 12/14/94
PETROLEUM HYDROCARBONS (ppm)	10000	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

ppm - Parts Per Million

ND - Not Detected

KHOV005266

APPENDIX A
LABORATORY ANALYTICAL REPORT

KHOV005267

CHECKED IN 12/20/94

DATA ENTERED

ENVIROTECH RESEARCH, INC.

777 New Durham Road
Edison, New Jersey 08817
Tel: (908) 549-3900
Fax: (908) 549-3679

December 19, 1994

J.M. Sorge, Inc.
50 County Line Road
Somerville, NJ 08876

Attention: Mr. Chris Finley

Re: Job No. I257 - Hovnanian


Dear Mr. Finley:

Enclosed are the results you requested for the following sample(s) received at our laboratory on December 15, 1994:

<u>Lab No.</u>	<u>Client ID</u>	<u>Analysis Required</u>
17716	T408-6-PE-1	PHC
17717	T408-6-PE-2	PHC
17718	T408-6-PE-3	PHC
17719	T408-6-PE-4	PHC
17720	T408-6-PE-5	PHC
17721	T408-6-PE-6	PHC
17722	T408-6-PE-7	PHC
17723	T408-6-PE-8	PHC

Please call me at 908 549-3900 if you have any questions.

Very truly yours,


Michael J. Urban
Laboratory Manager

KHOV005268

ENVIROTECH RESEARCH, INC.

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ENVIROTECH RESEARCH, INC.

Site: Hovnanian

Lab Job No: I257

Date Sampled: 12/14/94

Date Extracted: 12/15/94

Date Received: 12/15/94

Date Analyzed: 12/15/94

Matrix: SOIL

QA Batch 2966

PETROLEUM HYDROCARBONS

<u>Envirotech Sample #</u>	<u>Client ID</u>	<u>% Moisture</u>	<u>Dilution Factor</u>	<u>Analytical Result mg/kg (Dry Wt.)</u>
17716	T408-6-PE-1	13.2	1.0	ND
17717	T408-6-PE-2	15.3	1.0	ND
17718	T408-6-PE-3	15.6	1.0	ND
17719	T408-6-PE-4	11.7	1.0	ND
17720	T408-6-PE-5	13.8	1.0	ND
17721	T408-6-PE-6	13.7	1.0	ND
17722	T408-6-PE-7	13.9	1.0	ND
17723	T408-6-PE-8	14.8	1.0	ND

Quantitation Limit for Petroleum Hydrocarbons is 25 mg/kg for an undiluted sample.

KHOV005270

Sub # I 257

PROJECT NAME: HOUNANIAN - NEWARK PROJECT No.: 92050 **JM SOURCE, INC.**
 COLLECTED BY: A. CONFORTI SIGNATURE: [Signature] C.O.C. No.: 2169

CHAIN OF CUSTODY RECORD

SAMPLE INFORMATION				ANALYTICAL PARAMETERS	REMARKS
NUMBER	DATE	TIME	MATRIX		
T40B-6 PE1	DEC. 14, 1994	1045 HRS	SOIL	PHC* 17716	⊗ 24 HR TURNAROUND PHONE RANTS TO J. CLARRY FOR POSSIBLE ADDITIONAL ANALYSES. (AC)
T40B-6 PE2		1115		PHC* 17717	
T40B-6 PE3		1135		PHC* 17718	
T40B-6 PE4		1145		PHC* 17719	
T40B-6 PE5		1200		PHC* 17720	
T40B-6 PE6		1315	↓	PHC* 17721	

SAMPLE INFORMATION				ANALYTICAL PARAMETERS	REMARKS
NUMBER	DATE	TIME	MATRIX		
T40B-6 PE1	DEC. 14, 1994	1045 HRS	SOIL	PHC* 17716	⊗ 24 HR TURNAROUND PHONE RANTS TO J. CLARRY FOR POSSIBLE ADDITIONAL ANALYSES. (AC)
T40B-6 PE2		1115		PHC* 17717	
T40B-6 PE3		1135		PHC* 17718	
T40B-6 PE4		1145		PHC* 17719	
T40B-6 PE5		1200		PHC* 17720	
T40B-6 PE6		1315	↓	PHC* 17721	

RELINQUISHED BY	COMPANY	DATE/TIME	RECEIVED BY	COMPANY	DATE/TIME	REMARKS
[Signature]	JMSI	12-15-94 0930 HRS	[Signature]	Envirotech	12-15-94 0930	
[Signature]	JMSI	12-15-94 10:00	[Signature]	Envirotech	12/15/94 10:00	
[Signature]	Envirotech	12/16/94 10:00	[Signature]	HOWARD SCHULZE ENVIRNOTECH RESEARCH, INC.	12/16/94 13:30	802 Glass Only
[Signature]	Envirotech	12/16/94 18:00	[Signature]	JMSI	12/16/94 1820	RETURNED TO CLIENT

KHOV005271

PROJECT NAME: Hovnanian - NewarkPROJECT No.: 92050**JM SORCE, INC.**COLLECTED BY: A. ConfortiniSIGNATURE: *Andrew J. Confortini*C.O.C. No.: 2169

CHAIN OF CUSTODY RECORD

SAMPLE INFORMATION				ANALYTICAL PARAMETERS	REMARKS
NUMBER	DATE	TIME	MATRIX		
T408-6 PE7	Dec. 14, 1994	1340	SOIL	PbC ⁺ 17722	
T408-6 PE8	↓	1400	↓	PbC ⁺ 17723	
KH0V005272					

RELINQUISHED BY	COMPANY	DATE/TIME	RECEIVED BY	COMPANY	DATE/TIME	REMARKS
<i>Andrew J. Confortini</i>	JMSI	12-15-94 0930 MS	<i>Spencer J. Valley</i>	Envirotech	12-15-94 0930	
<i>Spencer J. Valley</i>		12/15/94 10:00	<i>Col M. Valley</i>	Envirotech	12/15/94 10:00	
<i>Col M. Valley</i>	Envirotech	12/16/94 1:24	<i>Robert Michael</i>	HOWARD SCHULZE ENVIRONMENTAL RESEARCH, INC.	12/16/94 1:31	Box 6 less Only
<i>Robert Michael</i>	HOWARD SCHULZE ENVIRONMENTAL RESEARCH, INC.	12/16/94 1820		JMSI	12/16/94 1820	

**INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE**

ENVIROTECH RESEARCH, INC.

777 NEW DURHAM ROAD, EDISON, NJ 08817

(908) 549-3900

Client: J.M. Sorge, Inc.

Date Sampled: 12/14/94

Site: Hovanian

Date Received: 12/15/94

Matrix: SOLID

Job No.: 1257

Sample No.: 17716

Analytic Parameter	Extraction Date	Extractor's Name	Analysis Date	Analyst's Name	QA Batch
PET HYDROCARBONS	12-15-94	PN	12-15-94	KB	2966
PPBN+15					

KHOV005273

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE

ENVIROTECH RESEARCH, INC.

777 NEW DURHAM ROAD, EDISON, NJ 08817
(908) 549-3900

Client: J.M. Sorge, Inc.

Date Sampled: 12/14/94

Site: Hovanian

Date Received: 12/15/94

Matrix: SOLID

Job No.: 1257

Sample No.: 17717

Analytic Parameter	Extraction Date	Extractor's Name	Analysis Date	Analyst's Name	QA Batch
PET HYDROCARBONS	12-15-94	AN	12-15-94	KE	2966
PPBN+15					

KHOV005274

**INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE**

ENVIROTECH RESEARCH, INC.

777 NEW DURHAM ROAD, EDISON, NJ 08817
(908) 549-3900

Client: J.M. Sorge, Inc.

Date Sampled: 12/14/94

Site: Hovanian

Date Received: 12/15/94

Matrix: SOLID

Job No.: 1257

Sample No.: 17718

Analytic Parameter	Extraction Date	Extractor's Name	Analysis Date	Analyst's Name	QA Batch
PET HYDROCARBONS	12-15-94	PN	12-15-94	ICB	2966
PPBN+15					

KHOV005275

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE

ENVIROTECH RESEARCH, INC.

777 NEW DURHAM ROAD, EDISON, NJ 08817

(908) 549-3900

Client: J.M. Sorge, Inc.

Date Sampled: 12/14/94

Site: Hovanian

Date Received: 12/15/94

Matrix: SOLID

Job No.: 1257

Sample No.: 17719

Analytic Parameter	Extraction Date	Extractor's Name	Analysis Date	Analyst's Name	QA Batch
PET HYDROCARBONS	12-15-94	FN	12-15-94	KB	2966
PPBN+15					

KHOV005276

**INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE**

ENVIROTECH RESEARCH, INC.

777 NEW DURHAM ROAD, EDISON, NJ 08817

(908) 549-3900

Client: J.M. Sorge, Inc.

Date Sampled: 12/14/94

Site: Hovanian

Date Received: 12/15/94

Matrix: SOLID

Job No.: 1257

Sample No.: 17720

Analytic Parameter	Extraction Date	Extractor's Name	Analysis Date	Analyst's Name	QA Batch
PET HYDROCARBONS	12-15-94	FN	12-17-94	KB	2966
PPBN+15					

KHOV005277

**INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE**

ENVIROTECH RESEARCH, INC.

777 NEW DURHAM ROAD, EDISON, NJ 08817

(908) 549-3900

Client: J.M. Sorge, Inc.

Date Sampled: 12/14/94

Site: Hovanian

Date Received: 12/15/94

Matrix: SOLID

Job No.: 1257

Sample No.: 17721

Analytic Parameter	Extraction Date	Extractor's Name	Analysis Date	Analyst's Name	QA Batch
PET HYDROCARBONS	12-15-94	PN	12-15-94	KG	2966
PPBN+15					

KHOV005278

**INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE**

ENVIROTECH RESEARCH, INC.

777 NEW DURHAM ROAD, EDISON, NJ 08817
(908) 549-3900

Client: J.M. Sorge, Inc.

Date Sampled: 12/14/94

Site: Hovanian

Date Received: 12/15/94

Matrix: SOLID

Job No.: 1257

Sample No.: 17722

Analytic Parameter	Extraction Date	Extractor's Name	Analysis Date	Analyst's Name	QA Batch
PET HYDROCARBONS	12-15-94	PN	12-16-94	KB	2966
PPBN+15					

KHOV005279

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE

ENVIROTECH RESEARCH, INC.

777 NEW DURHAM ROAD, EDISON, NJ 08817

(908) 549-3900

Client: J.M. Sorge, Inc.

Date Sampled: 12/14/94

Site: Hovanian

Date Received: 12/15/94

Matrix: SOLID

Job No.: 1257

Sample No.: 17723

Analytic Parameter	Extraction Date	Extractor's Name	Analysis Date	Analyst's Name	QA Batch
PET HYDROCARBONS	12-15-94	PN	12-15-94	KB	2966
PPBN+15					

KHOV005280

Analytical Methodology Summary

Volatile Organics:

Water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Solid samples are analyzed for priority pollutant volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8240. Water samples are analyzed for benzene, toluene, ethylbenzene and xylenes (BTEX) by GC-PID as specified in EPA Methods 503.1 and 602. Solid samples are analyzed for BTEX as specified in EPA Method 8020.

Acid and Base/Neutral Extractable Organics:

Water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable priority pollutants as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8240 and 8270. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatiles, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8080.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1.

ENVIROTECH RESEARCH, INC.

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic
Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050 "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method 200.7 and solid Method 6010. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1 and solid Method 7471. Other specific Atomic Absorption method references are as follows:

<u>Element</u>	<u>Water Test Method</u>		<u>Solid Test Method</u>	
	<u>Flame</u>	<u>Furnace</u>	<u>Flame</u>	<u>Furnace</u>
Aluminum	202.1	202.2	7020	--
Antimony	204.1	204.2	7040	7041
Arsenic	--	206.2	--	7060
Barium	208.1	--	7080	--
Beryllium	210.1	210.2	7090	7091
Cadmium	213.1	213.2	7130	7131
Calcium	215.1	--	7140	--
Chromium, Total	218.1	218.2	7190	7191
Chromium, (+6)	218.4	218.5	7197	7195
Cobalt	219.1	219.2	7200	7201
Copper	220.1	220.2	7210	--
Iron	236.1	236.2	7380	--
Lead	239.1	239.2	7420	7421
Magnesium	242.1	--	7450	--
Manganese	243.1	243.2	7460	--
Nickel	249.1	249.2	7520	--
Potassium	258.1	--	7610	--
Selenium	--	270.2	--	7740
Silver	272.1	272.2	7760	--
Sodium	273.1	--	7770	--
Tin	283.1	283.2	7870	--
Thallium	279.1	279.2	7840	7841
Vanadium	286.1	286.2	7910	7911
Zinc	289.1	289.2	7950	--

KHOV005282

ENVIROTECH RESEARCH, INC.

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.2. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.1. Total phenols are determined in solid samples by preparing the sample as outlined in the EPA, Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Cleanup of Semivolatile Extracts:

Upon request Method 3611 Alumina Column Cleanup and/or Method 3650 Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020

Corrosivity - Water pH Method 9040
Soil pH Method 9045

Reactivity - Chapter 7, Section 7.3.3 and 7.3.4
respectively for hydrogen cyanide
and hydrogen sulfide release.

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846
3rd Edition, November 1986.
- Standard Methods for the Examination of Water and
Wastewater, 17th Edition.
- Methods for Chemical Analysis of Water and Wastes,
EPA-600/4-79-020, 1979.

KHOV005283

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

KHOV005284

ENVIROTECH RESEARCH, INC.

NON-CONFORMANCE SUMMARY

Envirotech Research, Inc. Job Number: I25T

Volatile Organics Analysis:

All data conforms with method requirements ____; or
Analysis was not requested ✓; or
Non-conformance for the specific samples listed is as follows:

See continuation page if checked ()

Base/Neutral and/or Acid Extractable Organics:

All data conforms with method requirements ____; or
Analysis was not requested ✓; or
Non-conformance for the specific samples listed is as follows:

See continuation page if checked ()

PCBs and/or Organochlorine Pesticides:

All data conforms with method requirements ____; or
Analysis was not requested ✓; or
Non-conformance for the specific samples listed is as follows:

See continuation page if checked ()

ENVIROTECH RESEARCH, INC.

Non-conformance Summary, Page 2 of 2
Envirotech Research, Inc. Job Number: I257

Metals Analysis:

All data conforms with method requirements ____; or
Analysis was not requested /; or
Non-conformance for the specific samples listed is as follows:

See continuation page if checked ()

Total Petroleum Hydrocarbons:

All data conforms with method requirements /; or
Analysis was not requested ____; or
Non-conformance for the specific samples listed is as follows:

See continuation page if checked ()

General Chemistry/Disposal Parameters:

All data conforms with method requirements ____; or
Analysis was not requested /; or
Non-conformance for the specific samples listed is as follows:

See continuation page if checked ()

Signature of

Laboratory Manager: [Signature]

Date: 12/19/94

KH0V005286

Site: Hovnanian

Lab Job No: I257

Date Sampled: 12/14/94

Date Extracted: 12/15/94

Date Received: 12/15/94

Date Analyzed: 12/15/94

Matrix: SOIL

QA Batch 2966

PETROLEUM HYDROCARBONS

Envirotech <u>Sample #</u>	<u>Client ID</u>	<u>% Moisture</u>	<u>Dilution Factor</u>	<u>Analytical Result mg/kg (Dry Wt.)</u>
17716	T408-6-PE-1	13.2	1.0	ND
17717	T408-6-PE-2	15.3	1.0	ND
17718	T408-6-PE-3	15.6	1.0	ND
17719	T408-6-PE-4	11.7	1.0	ND
17720	T408-6-PE-5	13.3	1.0	ND
17721	T408-6-PE-6	13.7	1.0	ND
17722	T408-6-PE-7	13.9	1.0	ND
17723	T408-6-PE-8	14.8	1.0	ND

Quantitation Limit for Petroleum Hydrocarbons is 25 mg/kg for an undiluted sample.

KHOV005287

PETROLEUM HYDROCARBONS

Matrix: SOIL

Matrix Spike - Lab Sample No: 17487

QA Batch No: 2966

MS Sample from Lab Job No: I227

BLANK CONC. (mg/kg)	QUANTITATION LIMIT (mg/kg)
ND	25

SPIKE ADDED (mg/kg)	SAMPLE CONCENTRATION (mg/kg)	MS CONCENTRATION (mg/kg)	MS % REC	QC LIMITS REC
572	47.6	597	96.0	81-115

SPIKE ADDED (mg/kg)	MSD CONCENTRATION (mg/kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC
572	601	96.7	0.73	18	81-115

SPIKE ADDED CONCENTRATION is adjusted for % Solids

KHOV005288

* Envirotech Research, Inc. *
* *
* Test Method for *
* Oil and Grease and Petroleum Hydrocarbons *
* in Water and Soil *
* *
* Perkin-Elmer Model 1600 FT-IR *
* Analysis Report *

94/12/15 15:51

Sample identification
17716

Initial mass of sample, g
50.000

Volume of sample after extraction, ml
100.000

Dilution factor, 1 = no dilution
1.000

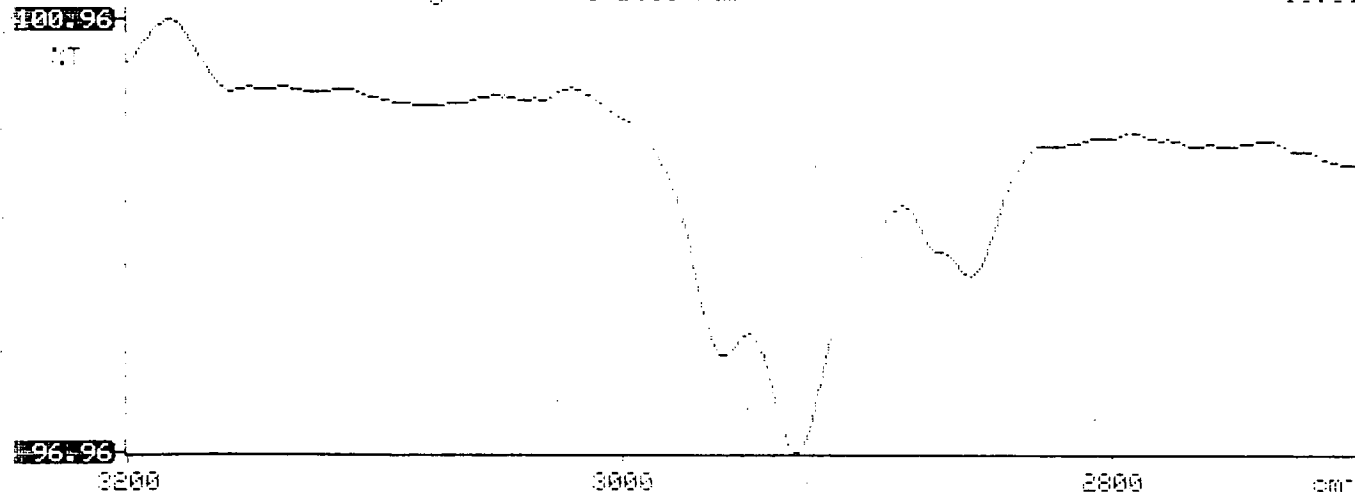
Percent solids, 100% = dry soil or water sample
~~100.000~~ 86.8

Petroleum hydrocarbons, ppm
~~100.000~~ 23.599

Net absorbance of hydrocarbons (3920 cm⁻¹)
0.012

Y: Petroleum hydrocarbons spectrum

15:51



KHOV005289

 Envirotech Research, Inc.
 Test Method for
 Oil and Grease and Petroleum Hydrocarbons
 in Water and Soil
 Perkin-Elmer Model 1600 FT-IR
 Analysis Report

09/12/15 15:53

Sample identification
 17717

Initial mass of sample, g
 33.000

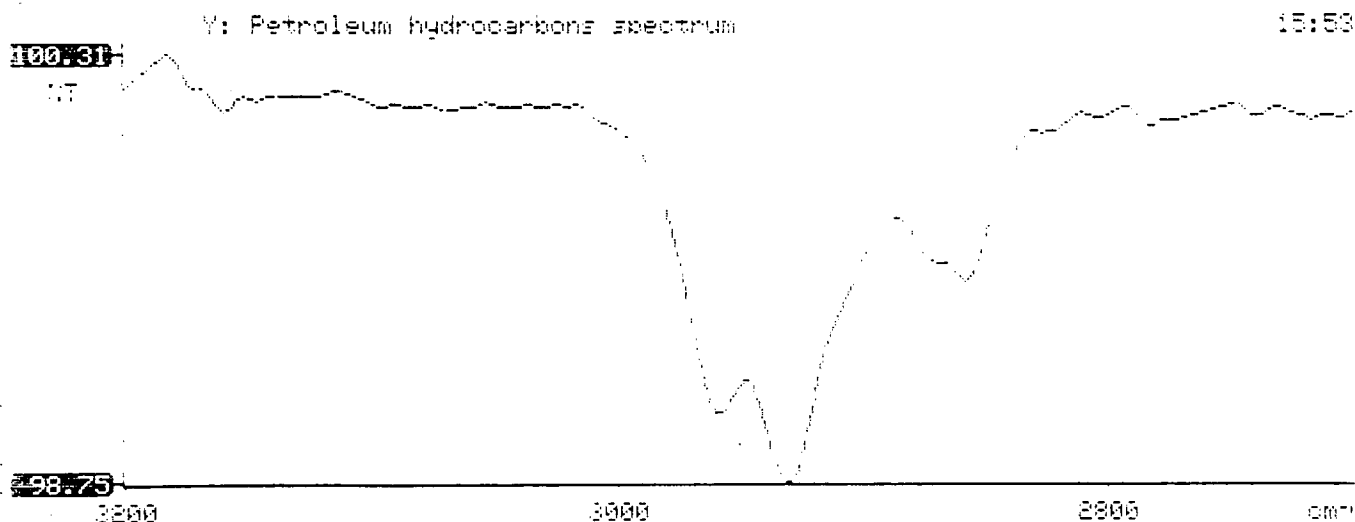
Volume of sample after extraction, ml
 100.000

Dilution factor, 1 = no dilution
 1.000

Percent solids, 100% = dry soil or water sample
~~100.000~~ 84.7

Petroleum hydrocarbons, ppm
~~100.000~~ 7.947

Net absorbance of hydrocarbons (2930 cm⁻¹)
 1.000



KHOV005290

Envirotech Research, Inc.

Test Method for
Oil and Grease and Petroleum Hydrocarbons
in Water and Soil

Perkin-Elmer Model 1600 FT-IR
Analysis Report

94/12/15 15:55

Sample identification
17718

Initial mass of sample, g
30.000

Volume of sample after extraction, ml
100.000

dilution factor, 1 = no dilution
1.000

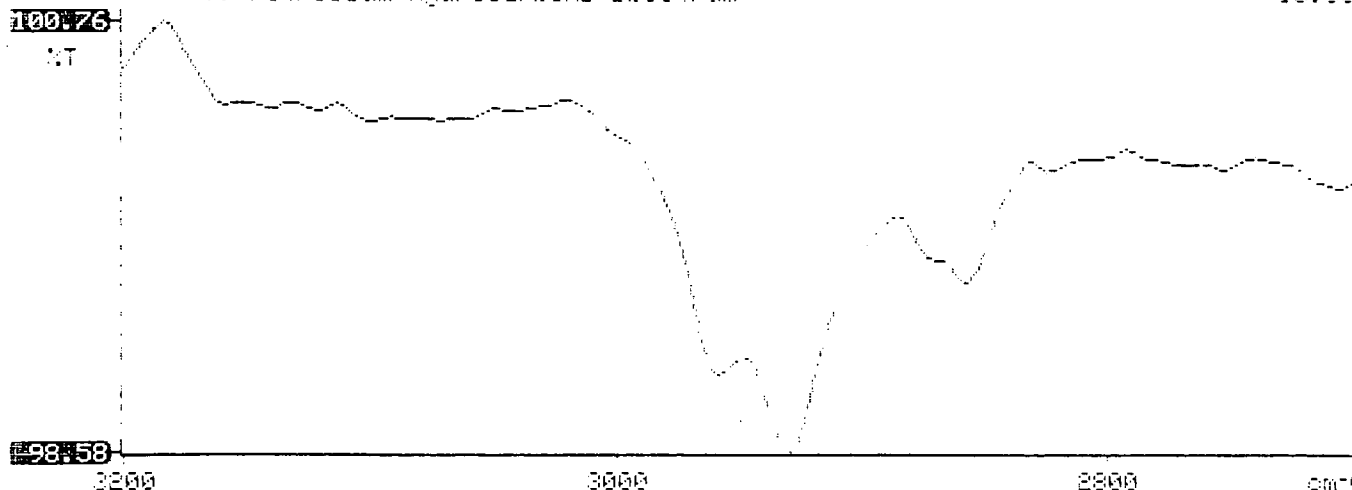
percent solids, 100% = dry soil or water sample
~~100.000~~ 84.4

Petroleum hydrocarbons, ppm
~~0.500~~ 10.172

Net absorbance of hydrocarbons 12930 cm⁻¹
0.007

Y: Petroleum hydrocarbons spectrum

15:55



KHOV005291

Envirotech Research, Inc.

Test Method for
Oil and Grease and Petroleum Hydrocarbons
in Water and Soil

Perkin-Elmer Model 1600 FT-IR
Analysis Report

94/12/15 15:57

Sample identification
1771P

Initial mass of sample, g
30.000

Volume of sample after extraction, ml
100.000

dilution factor, 1 = no dilution
1.000

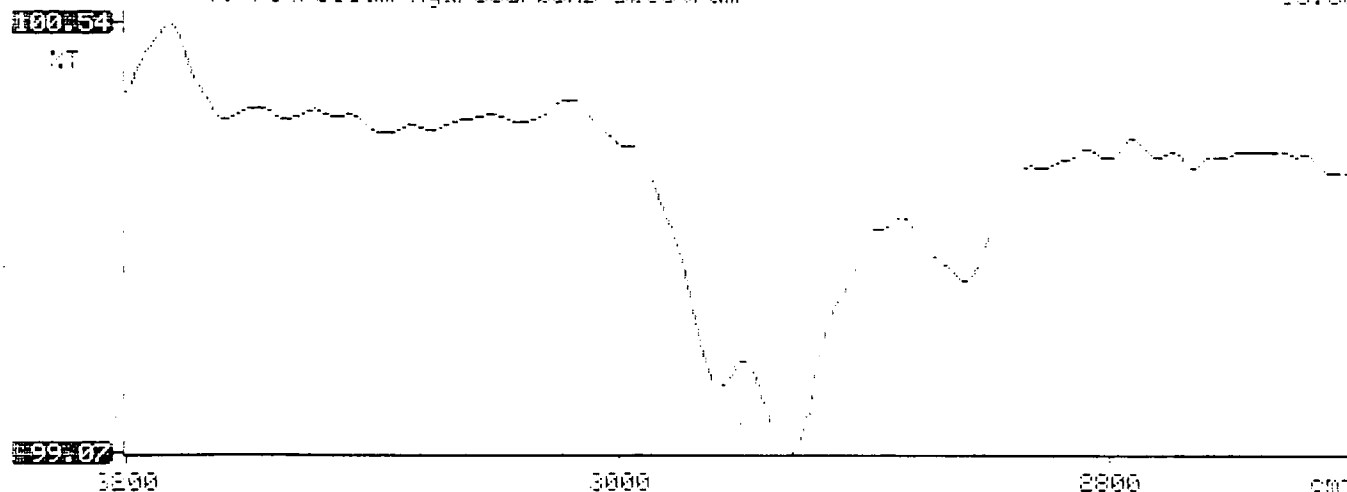
percent solids, 100% = dry soil or water sample
~~100.000~~ 88.3

Petroleum hydrocarbons, ppm
4.460 5.051

Net absorbance of hydrocarbons (2930 cm^{-1})
0.005

Y: Petroleum hydrocarbons spectrum

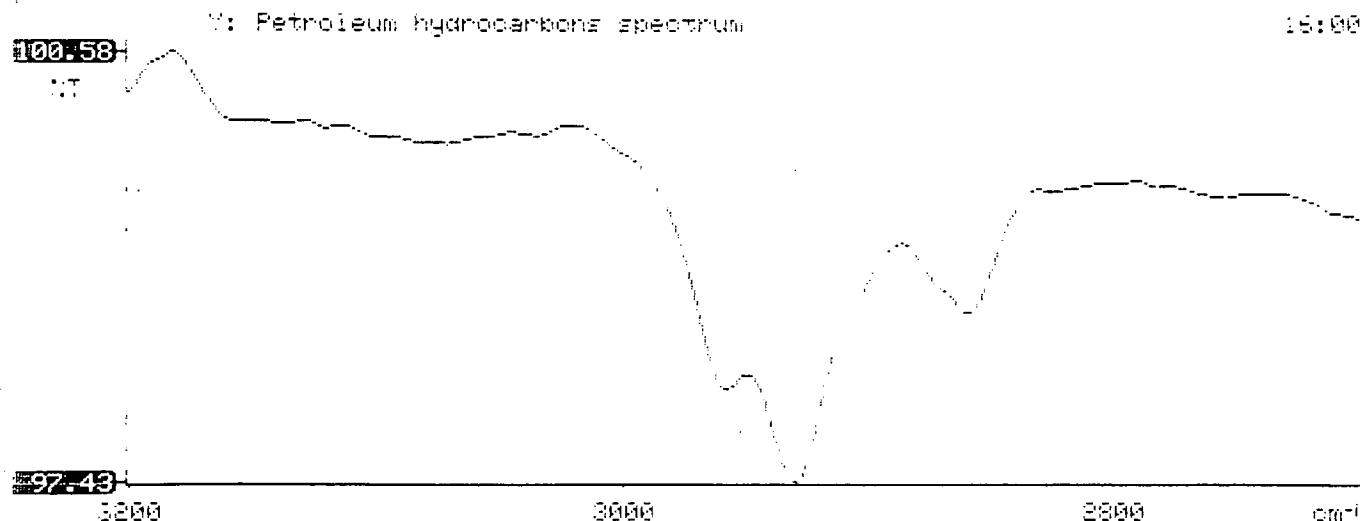
15:58



KHOV005292

 * Envirotech Research, Inc. *
 *
 * Test Method for *
 * Oil and Grease and Petroleum Hydrocarbons *
 * in Water and Soil *
 *
 * Perkin-Elmer Model 1600 FT-IR *
 * Analysis Report *

04/12/15 15:59
 #
 # Sample identification
 17720
 #
 # Initial mass of sample, g
 30.000
 #
 # Volume of sample after extraction, ml
 100.000
 #
 # dilution factor, 1 = no dilution
 1.000
 #
 # percent solids, 100% = dry soil or water sample
~~100.000~~ 86.2
 #
 # Petroleum hydrocarbons, ppm
~~14.834~~ 16.846
 # Net absorbance of hydrocarbons (2930 cm⁻¹)
 0.010
 #
 #



KHOV005293

Perkin-Elmer Model 1600 FT-IR
Analysis Report

94/12/15 16:31

Sample identification
17721

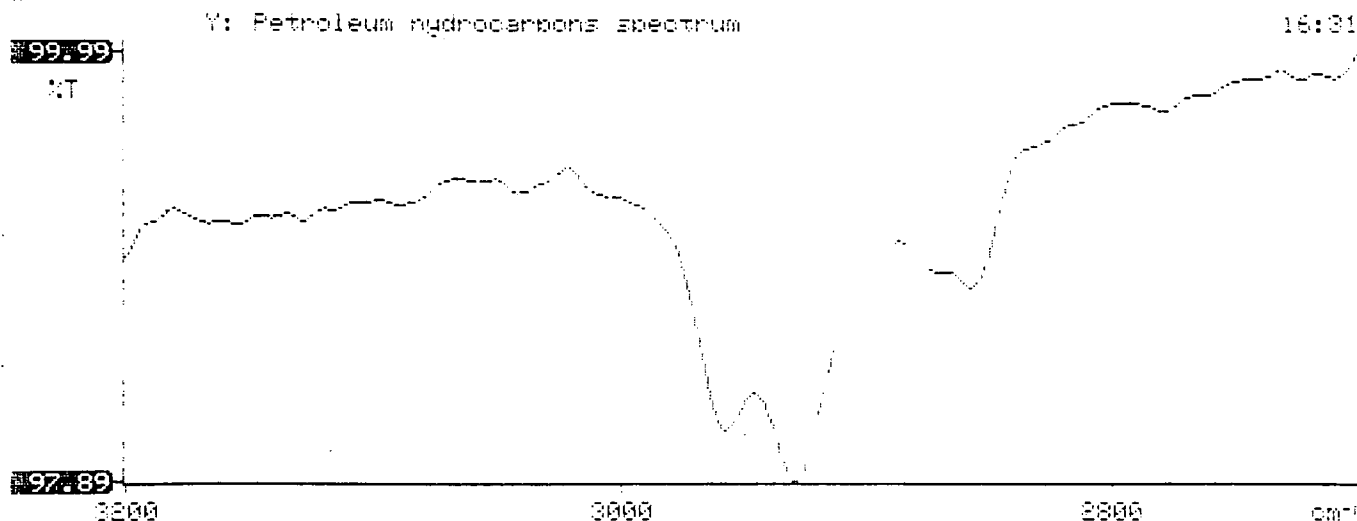
Initial mass of sample, g
30.000

* Volume of sample after extraction, ml
100.000

0 dilution factor, 1 = no dilution
1,000

0 percent solids, 100% = dry soil or water sample
96.300

4 Petroleum hydrocarbons, ppm
10.197

Net absorbance of hydrocarbons (2930 cm^{-1})
7.007

Envirotech Research, Inc.

Test Method for
Oil and Grease and Petroleum Hydrocarbons
in Water and Soil

Perkin-Elmer Model 1600 FT-IR
Analysis Report

94/12/15 16:03

Sample identification
17722

Initial mass of sample, g
50.000

Volume of sample after extraction, ml
100.000

dilution factor, 1 = no dilution
1.000

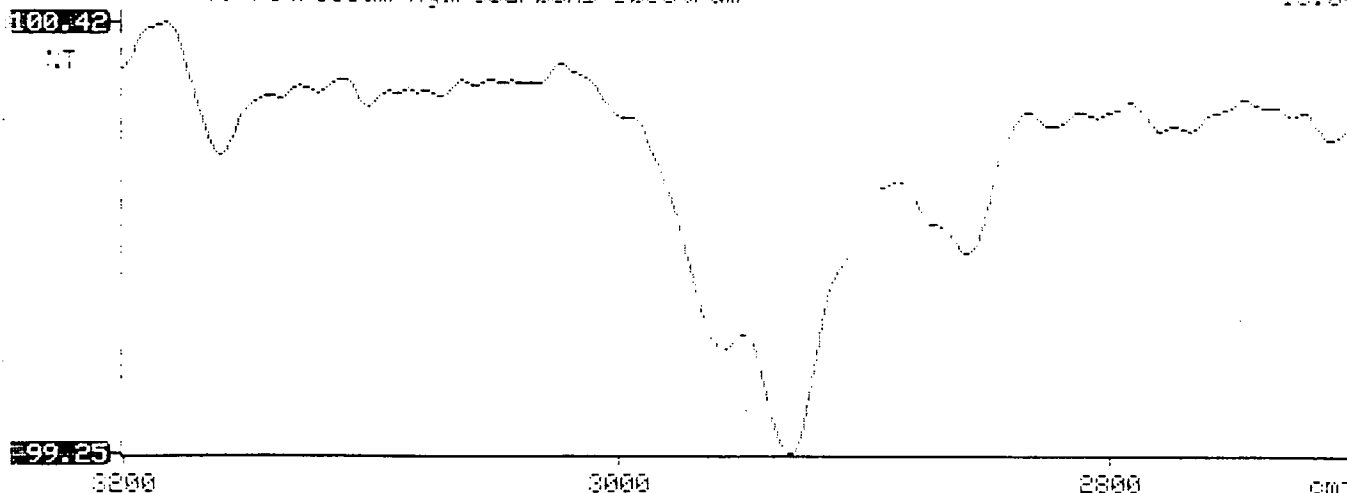
percent solids, 100% = dry soil or water sample
~~86.0~~ 86.1

Petroleum hydrocarbons, ppm
~~3.975~~ 3.923

Net absorbance of hydrocarbons (2930 cm⁻¹)
0.004

Y: Petroleum hydrocarbons spectrum

16:04



KHOV005295

* Envirotech Research, Inc. *
* *
* *
* *
* *
* *
* *
* *
* *
* *

Test Method for
Oil and Grease and Petroleum Hydrocarbons
in Water and Soil

Perkin-Elmer Model 1600 FT-IR
Analysis Report

94/12/15 16:05

Sample identification
17723

Initial mass of sample, g
30.000

Volume of sample after extraction, ml
100.000

dilution factor, 1 = no dilution
1.000

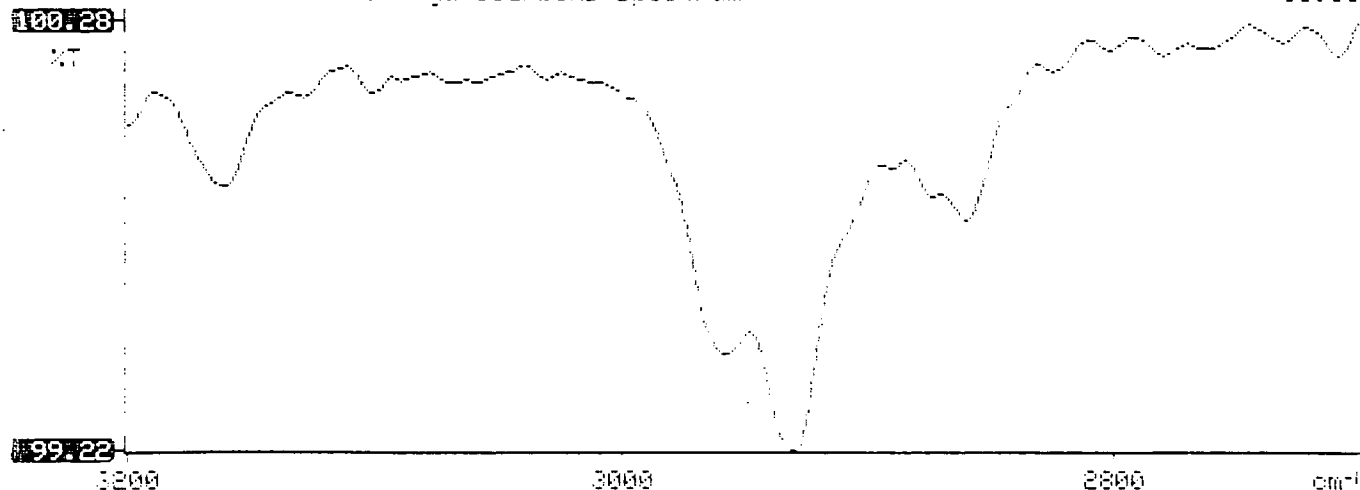
percent solids, 100% = dry soil or water sample
~~100.000~~ 85.2

Petroleum hydrocarbons, ppm
~~2.100~~ 3.700

Net absorbance of hydrocarbons (2930 cm^{-1})
0.004

Y: Petroleum hydrocarbons spectrum

16:06



KHOV005296

* Envirotech Research, Inc. *
* *
* Test Method for *
* Oil and Grease and Petroleum Hydrocarbons *
* in Water and Soil *
* *
* Perkin-Elmer Model 1600 FT-IR *
* Analysis Report *

94/12/15 15:49

* Sample identification

12/15 **PBS2**

* Initial mass of sample, g

30.000

* Volume of sample after extraction, ml

100.000

* dilution factor, 1 = no dilution

1.000

* percent solids, 100% = dry soil or water sample

100.000

* Petroleum hydrocarbons, ppm

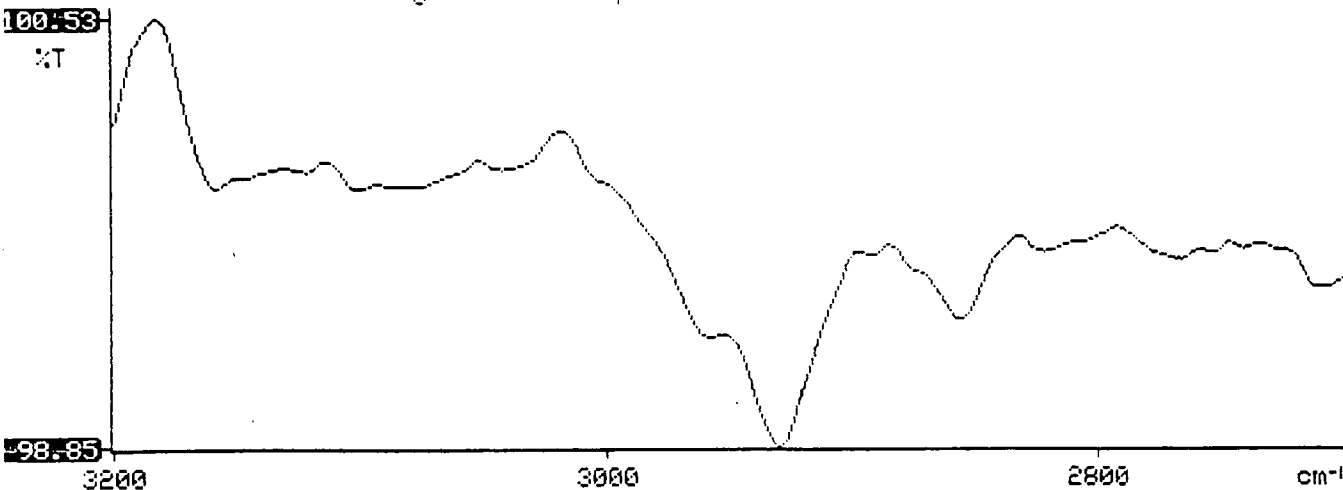
3.193

* Net absorbance of hydrocarbons (2930 cm⁻¹)

0.004

Y: Petroleum hydrocarbons spectrum

15:49



KHOV005297

```

*****
*                               *
*      Envirotech Research, Inc.      *
*                               *
*      Test Method for              *
*      Oil and Grease and Petroleum Hydrocarbons      *
*      in Water and Soil              *
*                               *
*      Perkin-Elmer Model 1600 FT-IR      *
*      Calibration Report              *
*****

```

* 94/12/15 12:25

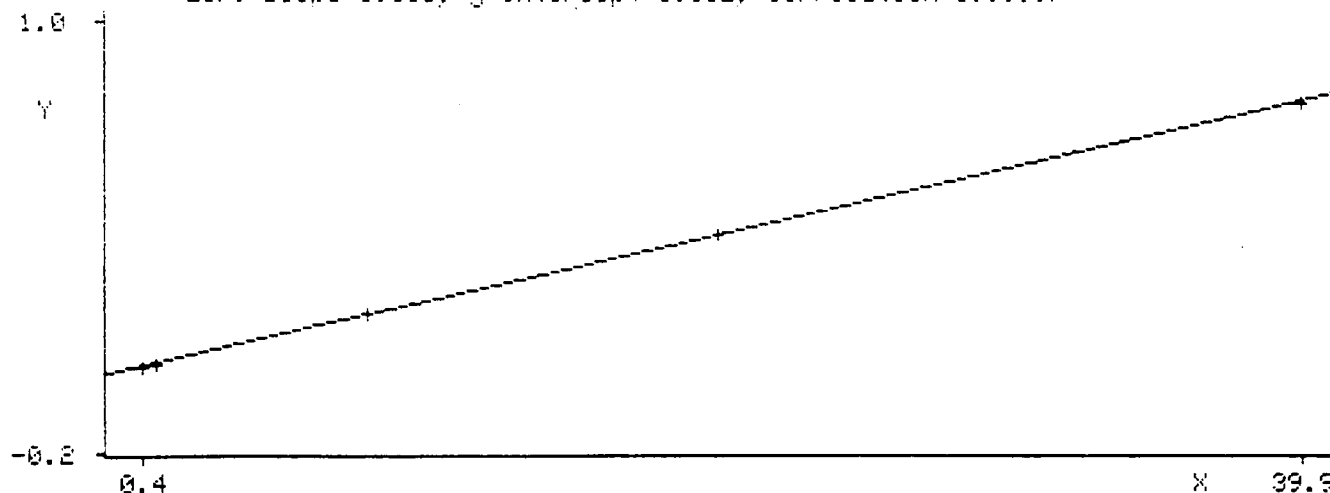
* Concentrations of standards, mg/100 ml

39.950
19.975
7.990
0.799
0.399

* Net absorbance of standards

0.738
0.374
0.152
0.016
0.008

LSF: slope 0.018; y-intercept 0.002; correlation 0.99997



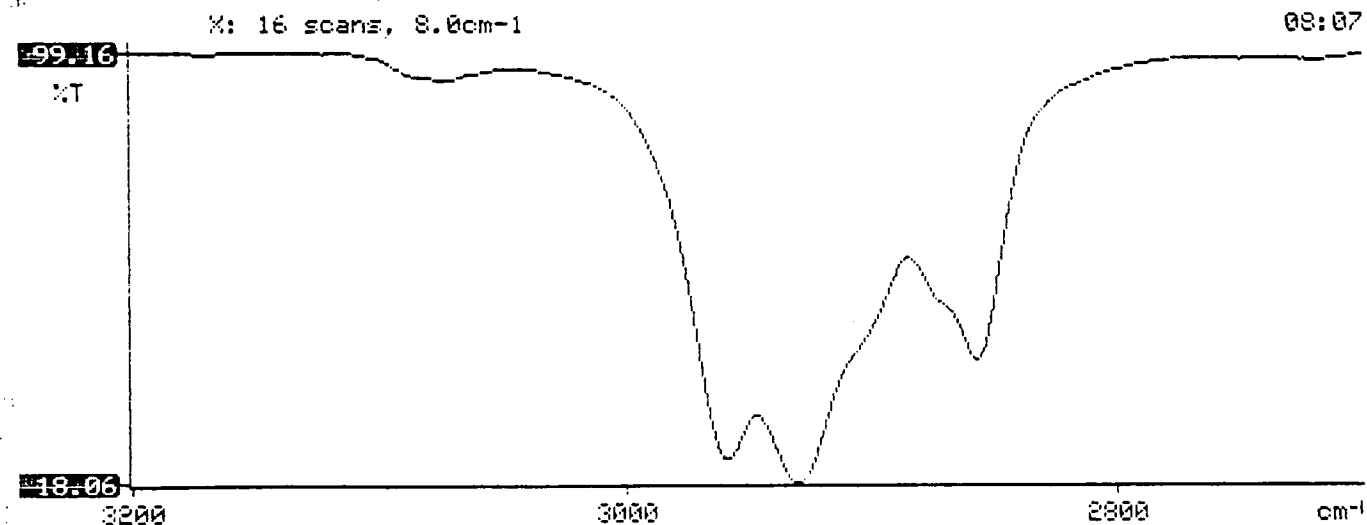
KHOV005298

 * Envirotech Research, Inc. *
 *
 * Test Method for *
 * Oil and Grease and Petroleum Hydrocarbons *
 * in Water and Soil *
 *
 * Perkin-Elmer Model 1600 FT-IR *
 * Calibration Standards Spectra *

94/12/15 08:07

Concentration of standard, mg/100 ml
 39.950

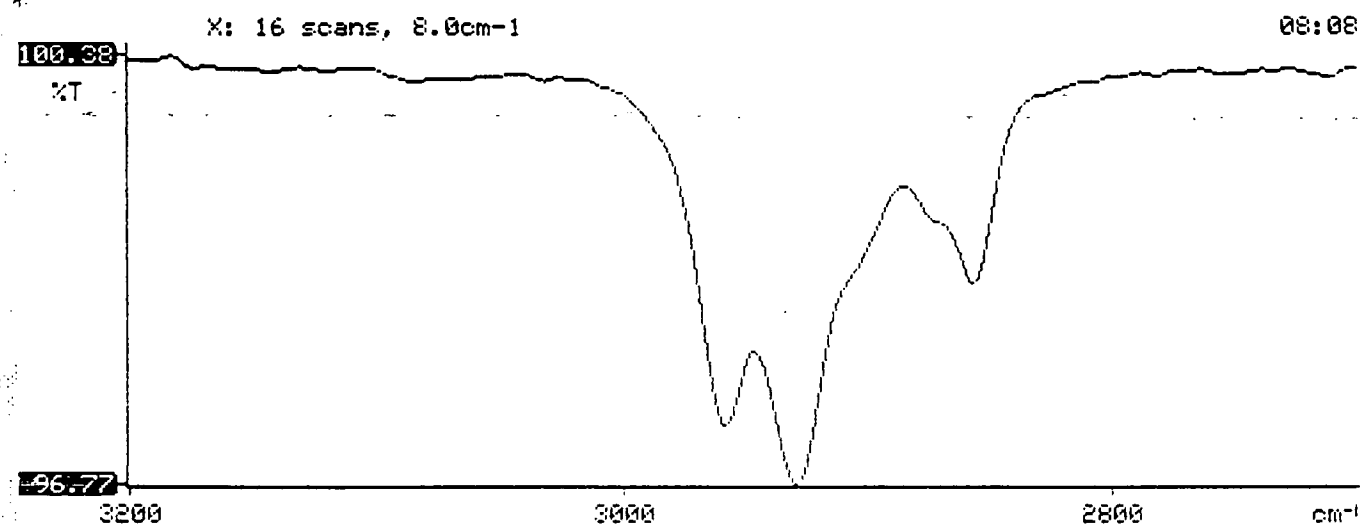
Net absorbance of standard
 0.738



KHOV005299

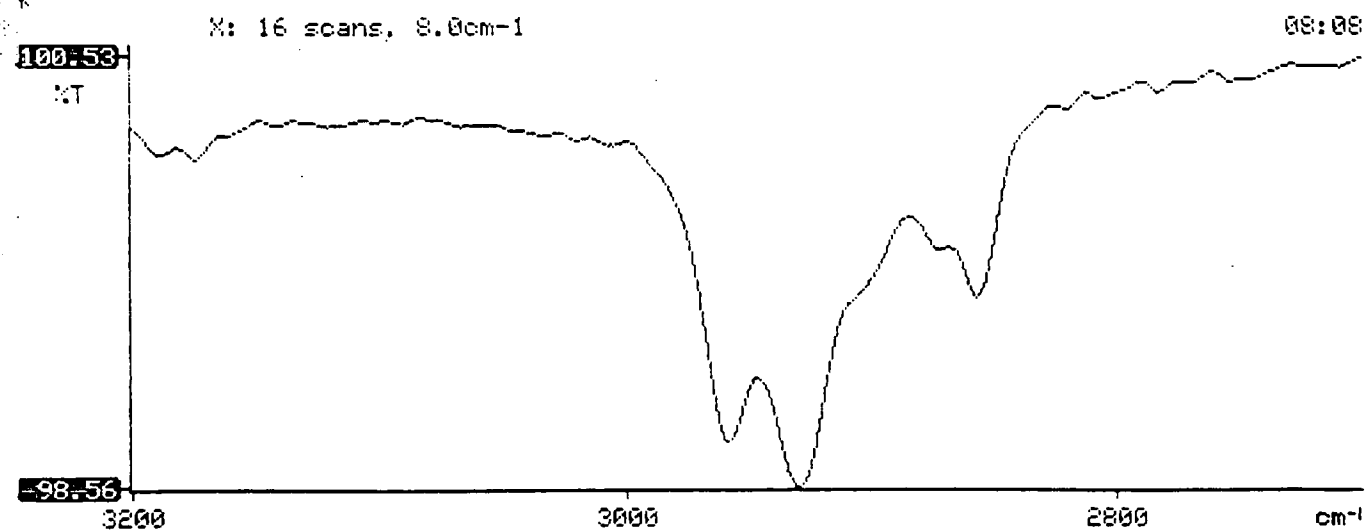
*
* Concentration of standard, mg/100 ml
0.799

*
*
* Net absorbance of standard
0.016
*
*



*
*
* Concentration of standard, mg/100 ml
0.399

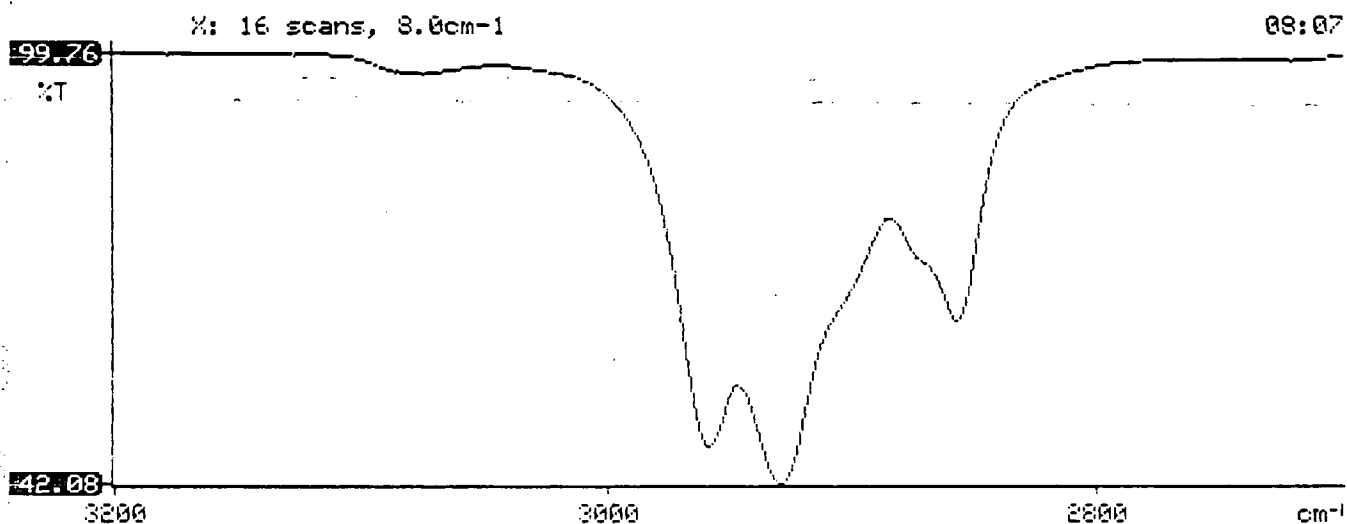
*
*
* Net absorbance of standard
0.008
*
*



KHOV005300

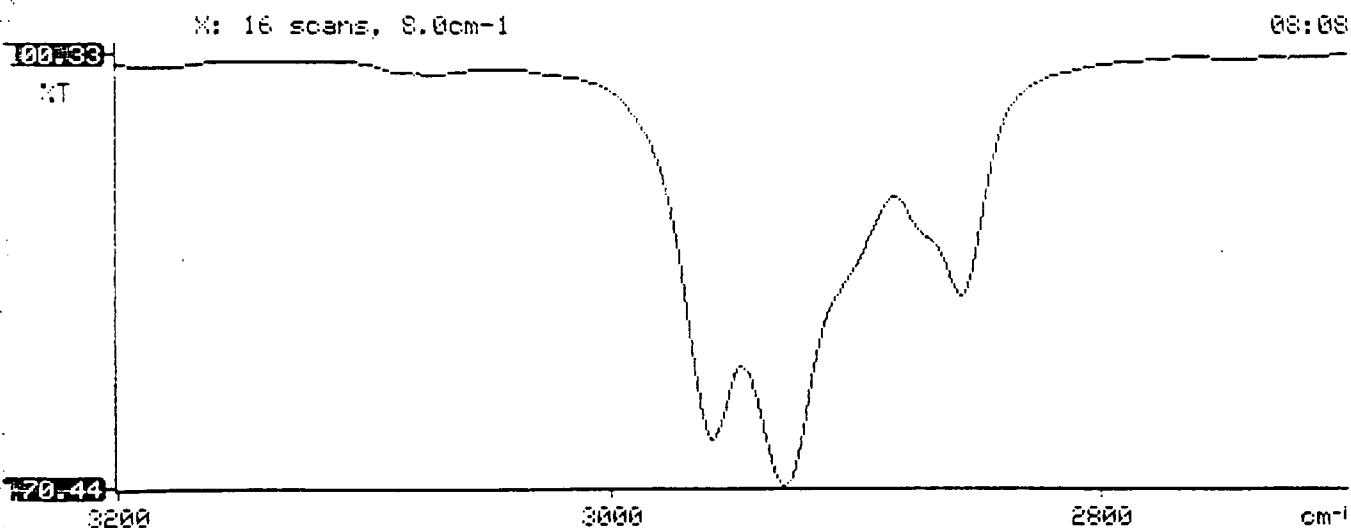
Concentration of standard, mg/100 ml
19.975

Net absorbance of standard
0.374



Concentration of standard, mg/100 ml
7.990

Net absorbance of standard
0.152



KHOV005301

APPENDIX B

TANK CLEANING AND DISPOSAL RECEIPTS

KHOV005302

Turnpike 15 W
250 West to
Clinton Ave Mill



10.56

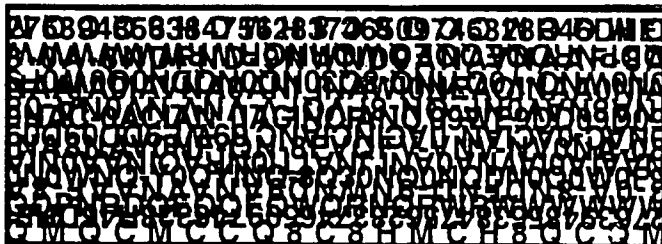
RD1 Box 5A
Old Bridge, N.J. 08857
Tel: 908-721-0900 • Fax(908) 721-0231

SOLD TO: Houman Project BILL TO: J. M. Sore
Norfolk - Matthew
Newark

CONTACT: _____ ATTN: _____

ACCT. #	ORDER DATE	DRIVER	JOB SCHEDULED FOR	
PHONE #	EPA ID #	CUSTOMER PO #	TERMS	
#	TYPE OF WORK		TYPE OF MATERIALS	
1	Dump out 550		water / oil	
2	+ clean			

SPECIAL INSTRUCTIONS:



THIS WORK HAS BEEN INSPECTED AND PERFORMED
TO THE CUSTOMER'S SATISFACTION.

SIGNATURE: _____

This order has been signed and confirmed by the customer that L. & L. Oil Service has left
the grounds in good condition and is not responsible for any spills or soil contamination.

WHITE/OFFICE YELLOW/DRIVER PINK/CUSTOMER

KHOV005303



RD1 Box 5A
Old Bridge, N.J. 08857
(908) 721-0900
Fax (908) 721-0231

STANDARD
COLLECTION
ORDER FORM

82063

GENERATOR/LOCATION **OFFICE USE ONLY**
NAME Huavian Project
INFORMATION/ATTENTION LINE
DELIVERY ADDRESS Norfolk + Mathew
CITY Newark STATE NJ ZIP
PHONE NUMBER PURCHASE ORDER NUMBER
USA EPA ID NO. (IF APPLICABLE) STATE ID NO.

BILL TO (IF DIFFERENT FROM LOCATION)
NAME J. m Sarge
INFORMATION/ATTENTION LINE
DELIVERY ADDRESS
CITY STATE ZIP
PHONE NUMBER PURCHASE ORDER NUMBER
MANIFEST NUMBER 2031443

SHIPPING INFORMATION

This is to certify that the below named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

NO. TYPE QTY. UNIT US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) SALES REPRESENTATIVE

SERVICE SECTION

SALES CODE	DESCRIPTION	WASTE CODE	QUANTITY	UNIT OF MEASURE	PRICE	TAX	LINE TOTAL
40500	USED OIL REMOVAL						
40501	OIL WATER DISPOSAL	<u>722</u>	<u>80</u>	<u>gallons</u>			
40502	SLUDGE DISPOSAL						
41000	NON HAZARDOUS DISPOSAL						
41001	RCRA WASTE DISPOSAL						
41500	VAC TRUCK & OPERATOR	<u>1</u>	<u>1200pm 4.35pm</u>				
41501	DRUM DISPOSAL						
41502	SEPARATOR CLEANING						
41503	QAQC ANALYTICAL TESTING						
41504	TANK CLEANING						
41505	CONFINED SPACE ENTRY						
42000	MANIFEST PROCESSING FEE						
42001	DEXSIL TEST KIT						

KHOV005304

TOTAL

CHARGE MY ACCOUNT FOR THIS TRANSACTION UNLESS OTHERWISE INDICATED IN THE PAYMENT SECTION.

INVOICES REFLECTING CHARGES TO CUSTOMER

ARE SUBJECT TO AN INTEREST RATE OF THE LESSER OF 1 1/2% PER MONTH (18% PER ANNUM) OR THE MAXIMUM RATE ALLOWED BY LAW ON ANY INVOICES THAT ARE NOT PAID WITHIN 30 DAYS. IN THE EVENT OF DEFAULT, LORCO SHALL BE ENTITLED TO RECOVER COSTS OF COLLECTION, INCLUDING REASONABLE ATTORNEY'S FEES.

GENERATOR WARRANTS AND REPRESENTS THAT THE MATERIALS PROVIDED LORCO HEREUNDER HAVE NOT BEEN MIXED, COMBINED, OR OTHERWISE BLENDED IN ANY QUANTITY WITH MATERIALS CONTAINING POLYCHLORINATED BIPHENYLS (PCB) OR ANY OTHER MATERIAL DEFINED AS HAZARDOUS WASTE UNDER APPLICABLE LAWS, INCLUDING BUT NOT LIMITED TO 40 CFR PART 261. GENERATOR AGREES TO INDEMNIFY AND HOLD LORCO HARMLESS FOR ANY DAMAGES, COSTS, ATTORNEY'S FEES, ETC. ARISING OUT OF OR IN ANY WAY RELATED TO A BREACH OF THE ABOVE WARRANTY BY THE GENERATOR.

Generator certifies that the waste is
In accordance the N.J.A.C. 7:26-12.1 et seq, LORCO has the required permits to accept the above described waste.

ANDREW L CONFORTINI AGENT FOR HUAVIAN
Print Name
Andrew L Confortini 12/1/94
Signature Date
GENERATOR/CUSTOMER

SMALL QUANTITY GENERATOR CERTIFICATION

I certify that my hazardous waste streams total less than 220 pounds (100 kg) for this calendar month and that I am not required to use an EPA identification number.

[Signature]
GENERATOR'S SIGNATURE

LARGE QUANTITY GENERATOR CERTIFICATION

DEXSIL CDT
TEST RESULTS

11/10 PPM

PAYMENT RECEIVED SECTION

CASH ☐

TOTAL RECEIVED

CHECK NUMBER

PAYMENT MADE SECTION

PAYMENT METHOD

PAYMENT AMOUNT

CASH ☐ CHECK ☐

RECEIVED BY

CUSTOMER'S SIGNATURE

In accordance with 40 CFR 266 § 43(5) LORCO has notified the US EPA of its location and used oil management activities.

Arbel Vazquez
Print Name
[Signature] 12/1/94
Signature Date
LORCO REPRESENTATIVE

DEC 15

AREA CODE 908 PHONE 469-2202

ABSOLUTE
AUTO/TRUCK SALVAGE CO., INC.

PO BOX 307 MTN. & SOUTH AVENUE MIDDLESEX, N.J. 08846

DATE Dec 8 1994
NAME Milton
ADDRESS T40B-6 ACADEMY ST
CITY _____

GROSS

WEIGHT

TARE

WEIGHT

NET

WEIGHT

QUAN	DESCRIPTION	AMOUNT
	Tank-1,000	

Signature Rao Hung

KHOV005305

APPENDIX C
CLEAN FILL TICKETS

KHOV005306



MATERIAL TICKET



01148756

MATERIAL ORDERS (908) 580-3900
SCALE HOUSE (908) 580-3900
BILLING INQUIRIES (908) 580-3910

PO BOX 407 • STONEHOUSE ROAD
MILLINGTON, NEW JERSEY 07946

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.
302473	PO N18867	6318

CUSTOMER NAME:

K. HOVNANIAN CO. OF NORTH JERSEY

DATE	TAX CODE	HAULER CODE	MAT'L CODE
12/27/94	Y	106555	01-002

MATERIAL DESCRIPTION:

2 1/2 INCH CLEAN STONE

DELIVERY ADDRESS

SOCIETY HILL @ UNIVERSITY HGTS
NORFOLK & W. MARKET NEWARK

ARRIER PRINT NAME CARRIER SIGNATURE

STOMER PRINT NAME CUSTOMER SIGNATURE

ORIGINAL

TIME	OUR ORDER NUMBER	TICKET NUMBER
12:04	1-2322	01 148756

GROSS TONS	TARE TONS	NET TONS	WEIGHED BY
34.81	11.61	23.20	MAK

DIRECTIONS:

7SE CLINTON AVE EXIT TO HILL-
SIDE AVE LT CLINTON RT IRVINE
TURNER BLVD TO JONES ST TO NOR
FOLK ST RT WARREN TO CONST GAT
E SEE SHT FOR DUMP LOCATION

TOTAL TODAY
206.83 9
TONS SHIPPED THIS ORDER TODAY LOADS SHIPPED THIS ORDER TODAY

OFFICE USE ONLY

@MS@ ** TURN OFF JAKE BRAKE **

AR PLT: 11:53
LV PLT: 12:04

AR JOB: 1240
LV JOB:

W/T:



MATERIAL TICKET



01148773

KHOV005307

MATERIAL ORDERS (908) 580-3900
SCALE HOUSE (908) 580-3900
BILLING INQUIRIES (908) 580-3910

PO BOX 407 • STONEHOUSE ROAD
MILLINGTON, NEW JERSEY 07946

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.
302473	PO N18867	1708

CUSTOMER NAME:

K. HOVNANIAN CO. OF NORTH JERSEY

DATE	TAX CODE	HAULER CODE	MAT'L CODE
12/27/94	Y	102142	01-002

MATERIAL DESCRIPTION:

2 1/2 INCH CLEAN STONE

DELIVERY ADDRESS

SOCIETY HILL @ UNIVERSITY HGTS
NORFOLK & W. MARKET NEWARK

ARRIER PRINT NAME CARRIER SIGNATURE

STOMER PRINT NAME CUSTOMER SIGNATURE

ORIGINAL
PAGE 02

K HOV CONST NEWARK

TIME	OUR ORDER NUMBER	TICKET NUMBER
12:08	1-2322	01 148773

GROSS TONS	TARE TONS	NET TONS	WEIGHED BY
35.03	11.70	23.33	MAK

DIRECTIONS:

78E CLINTON AVE EXIT TO HILL-
SIDE AVE LT CLINTON RT IRVINE
TURNER BLVD TO JONES ST TO NOR
FOLK ST RT WARREN TO CONST GAT
E SEE SHT FOR DUMP LOCATION

TOTAL TODAY
230.16 10
TONS SHIPPED THIS ORDER TODAY LOADS SHIPPED THIS ORDER TODAY

OFFICE USE ONLY

@MS@ ** TURN OFF JAKE BRAKE **

AR PLT: 11:57
LV PLT: 12:08

AR JOB:
LV JOB:

W/T:

01/31/1995 17:48 1-201-242-3635



P.O. BOX 407 • STONEHOUSE ROAD
MILLINGTON, NEW JERSEY 07946

MATERIAL TICKET



01148759

MATERIAL ORDERS (908) 580-3900
SCALE HOUSE (908) 580-3900
BILLING INQUIRIES (908) 580-3910

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.
302473	PD N18867	6302

CUSTOMER NAME:

K.HOVNANIAN CO.OF NORTH JERSEY

DATE	TAX CODE	HAULER CODE	MAT'L CODE
12/27/94	Y	106555	01-002

MATERIAL DESCRIPTION:

2 1/2 INCH CLEAN STONE

DELIVERY ADDRESS

SOCIETY HILL @ UNIVERSITY HGTS
NORFOLK & W.MARKET NEWARK

ARRIER ☒ PRINT NAME ☒ CARRIER SIGNATURE
CUSTOMER ☒ PRINT NAME ☒ CUSTOMER SIGNATURE
ORIGINAL

TIME	OUR ORDER NUMBER	TICKET NUMBER
12:00	1-2322	01 148759

GROSS TONS	TARE TONS	NET TONS	WEIGHED BY
35.16	11.94	23.22	MAK

DIRECTIONS:

78E CLINTON AVE EXIT TO HILL-
SIDE AVE LT CLINTON RT IRVINE
TURNER BLVD TO JONES ST TO NOR
FOLK ST RT WARREN TO CONST GAT
E SEE SHT FOR DUMP LOCATION

TOTAL TODAY	
161.68	TONS SHIPPED THIS ORDER TODAY
7	LOADS SHIPPED THIS ORDER TODAY

OFFICE USE ONLY

@MS@ ** TURN OFF JAKE BRAKE **

AR PLT: 11:50 AR JOB: 1250
LV PLT: 12:00 LV JOB: 100 W/T:



P.O. BOX 407 • STONEHOUSE ROAD
MILLINGTON, NEW JERSEY 07946

MATERIAL TICKET



01148763

KHOV005308

MATERIAL ORDERS (908) 580-3900
SCALE HOUSE (908) 580-3900
BILLING INQUIRIES (908) 580-3910

CUSTOMER NO.	P.O. NUMBER	TRUCK NO.
302473	PD N18867	1709

CUSTOMER NAME:

K.HOVNANIAN CO.OF NORTH JERSEY

DATE	TAX CODE	HAULER CODE	MAT'L CODE
12/27/94	Y	102142	01-002

MATERIAL DESCRIPTION:

2 1/2 INCH CLEAN STONE

DELIVERY ADDRESS

SOCIETY HILL @ UNIVERSITY HGTS
NORFOLK & W.MARKET NEWARK

ARRIER ☒ PRINT NAME ☒ CARRIER SIGNATURE
CUSTOMER ☒ PRINT NAME ☒ CUSTOMER SIGNATURE

TIME	OUR ORDER NUMBER	TICKET NUMBER
12:02	1-2322	01 148763

GROSS TONS	TARE TONS	NET TONS	WEIGHED BY
33.80	11.85	21.95	MAK

DIRECTIONS:

78E CLINTON AVE EXIT TO HILL-
SIDE AVE LT CLINTON RT IRVINE
TURNER BLVD TO JONES ST TO NOR
FOLK ST RT WARREN TO CONST GAT
E SEE SHT FOR DUMP LOCATION

TOTAL TODAY	
193.63	TONS SHIPPED THIS ORDER TODAY
8	LOADS SHIPPED THIS ORDER TODAY

OFFICE USE ONLY

@MS@ ** TURN OFF JAKE BRAKE **

AR PLT: 11:51 AR JOB:
LV PLT: 12:02 LV JOB: W/T:

APPENDIX D

LABORATORY RESULTS STOCKPILED SOIL

KHOV005309

RAYTHEON ENGINEERS & CONSTRUCTORS
RAYTHEON ENVIRONMENTAL SERVICES LABORATORY

301 Chelsea Parkway
Boothwyn, Pa. 19061
(610) 497-8000

Report For:

Waste Concepts (J.M. Sorce)
Mr. Steve Sands
2230 Dekalb St.
Norristown PA 19401

Job Number

7575631

Summary Number

21611

March 07, 1995

Reviewed by *Michael Hadka*
Project Manager Michael Hadka

NJ ID# 77343
CA ID# 1924
RI ID# A70
NC ID# 292
TN ID# 2927

EPA ID# PA00078
CO ID# PA00078
DE ID# PA00078
MA ID# M-PA078

PA ID# 23-272
CT ID# PH0687
WV ID# 9915(C)
SC ID# 89007
NY ID# 11345

KHOV005310

Raytheon
Engineers & Constructors

March 07, 1995

Waste Concepts (J.M. Sorce)
Mr. Steve Sands
2230 Dekalb St.
Norristown, PA 19401

Subject: RE&C Contract No. 7575631
Laboratory Analysis

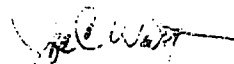
Dear Mr. Sands,

Attached is the analytical report for samples submitted to us on 01/25/1995. Inorganic sample results are reported on an as received basis unless otherwise noted. All organic sample results are reported on a dry weight basis.

All analyses are performed within method required holding times unless noted in a non-conformance report which, if necessary, is located following the method description summary. In addition, any conditions which may aid in the interpretation of the data are noted on this form.

If there are questions regarding this report, please contact me.

Very truly yours,



Joe C. Watt
Director of Technical Services

KHOV005311

Raytheon Engineers & Constructors, Inc.
Raytheon Environmental Systems
Laboratory Data Summary

Summary Number: 21611

Log #	Description	Code	Analysis	Treatment	Matrix	Result	Sampled	Started	Complete
81480	J.M. Sorce 1408 WC1	763	EXT-TPH DIESEL		Soil	Complete	01/19/1995	01/26/1995	01/26/1995
81480	J.M. Sorce 1408 WC1	G11	TPH Diesel (GC)		Soil	750	01/19/1995	01/31/1995	02/01/1995
81480	J.M. Sorce 1408 WC1	427	TPH SOLID		Soil	1200	01/19/1995	01/26/1995	01/27/1995
81480	J.M. Sorce 1408 WC1	S06	WATER BY EVAP		Soil	11.3	01/19/1995	01/26/1995	01/26/1995
81481	J.M. Sorce 1408 WC3	763	EXT-TPH DIESEL		Soil	Complete	01/19/1995	01/26/1995	01/26/1995
81481	J.M. Sorce 1408 WC3	G11	TPH Diesel (GC)		Soil	460	01/19/1995	01/31/1995	02/01/1995
81481	J.M. Sorce 1408 WC3	427	TPH SOLID		Soil	560	01/19/1995	01/26/1995	01/27/1995
81481	J.M. Sorce 1408 WC3	S06	WATER BY EVAP		Soil	19.9	01/19/1995	01/26/1995	01/26/1995
81482	J.M. Sorce 1408 WC4	763	EXT-TPH DIESEL		Soil	Complete	01/19/1995	01/26/1995	01/26/1995
81482	J.M. Sorce 1408 WC4	G11	TPH Diesel (GC)		Soil	86	01/19/1995	01/31/1995	02/01/1995
81482	J.M. Sorce 1408 WC4	427	TPH SOLID		Soil	150	01/19/1995	01/26/1995	01/27/1995
81482	J.M. Sorce 1408 WC4	S06	WATER BY EVAP		Soil	14.2	01/19/1995	01/26/1995	01/26/1995
81483	J.M. Sorce 1408 WC5	763	EXT-TPH DIESEL		Soil	Complete	01/19/1995	01/26/1995	01/26/1995
81483	J.M. Sorce 1408 WC5	G11	TPH Diesel (GC)		Soil	3300	01/19/1995	01/31/1995	02/01/1995
81483	J.M. Sorce 1408 WC5	427	TPH SOLID		Soil	1700	01/19/1995	01/26/1995	01/27/1995
81483	J.M. Sorce 1408 WC5	S06	WATER BY EVAP		Soil	12.6	01/19/1995	01/26/1995	01/26/1995
81484	J.M. Sorce 1408 WC7	763	EXT-TPH DIESEL		Soil	Complete	01/19/1995	01/26/1995	01/26/1995
81484	J.M. Sorce 1408 WC7	G11	TPH Diesel (GC)		Soil	5900	01/19/1995	01/31/1995	02/01/1995
81484	J.M. Sorce 1408 WC7	427	TPH SOLID		Soil	4700	01/19/1995	01/26/1995	01/27/1995
81484	J.M. Sorce 1408 WC7	S06	WATER BY EVAP		Soil	16	01/19/1995	01/26/1995	01/26/1995

KHOV005312

003

Raytheon Engineers & Constructors, Inc.
Raytheon Environmental Systems
Laboratory Data Summary

Summary Number: 21611

Log #	Description	Code	Analysis	Treatment	Matrix	Result	Sampled	Started	Complete
81485	J.M. Sorce T408 WCC	756PO	EXT PCB only SO		Soil	COMPLETE	01/19/1995	01/30/1995	01/30/1995
81485	J.M. Sorce T408 WCC	G14	GC/PCB		Soil	See Attached	01/19/1995	01/31/1995	02/01/1995
81485	J.M. Sorce T408 WCC	G2/UT	GC/PID BTEX		Soil	See Attached	01/19/1995	01/26/1995	01/26/1995
81485	J.M. Sorce T408 WCC	103	ORG. HALIDE EOX		Soil	mg/kg as Cl-	01/19/1995	01/30/1995	01/30/1995
81485	J.M. Sorce T408 WCC	461	RCRA Corros. pH		Soil	NEG (20)	01/19/1995	01/27/1995	01/27/1995
81485	J.M. Sorce T408 WCC	873	RCRA Ignite		Soil	NEG (8.6)	01/19/1995	01/27/1995	01/27/1995
81485	J.M. Sorce T408 WCC	875	Reactivity CN		Soil	NEG	01/19/1995	01/27/1995	01/27/1995
81485	J.M. Sorce T408 WCC	876	Reactivity S		Soil	ND (200)	01/19/1995	01/27/1995	01/27/1995
81485	J.M. Sorce T408 WCC	877	TCLP Leachate Metals		Soil	ND (400)	01/19/1995	01/27/1995	01/27/1995
81485	J.M. Sorce T408 WCC	S06	WATER BY EVAP		Soil	Complete	01/19/1995	01/26/1995	01/26/1995
						% as received			
31486	Tclp/#81485	210IC	Ag Silver			ND < 1	01/27/1995	01/27/1995	01/27/1995
31486	Tclp/#81485	215IC	As Arsenic			ND < 1	01/27/1995	01/27/1995	01/27/1995
31486	Tclp/#81485	217IC	Ba Barium			1.4	01/27/1995	01/27/1995	01/27/1995
31486	Tclp/#81485	222IC	Cd Cadmium			ND < 1	01/27/1995	01/27/1995	01/27/1995
31486	Tclp/#81485	227IC	Cr Chromium			ND < 1	01/27/1995	01/27/1995	01/27/1995
31486	Tclp/#81485	235VL	Hg Mercury			ND < 0.005	01/27/1995	01/27/1995	01/27/1995
31486	Tclp/#81485	291	ICP(>5 Metals)				01/27/1995	01/31/1995	02/01/1995
1486	Tclp/#81485	249IC	Pb Lead			ND < 1	01/27/1995	01/27/1995	01/27/1995
1486	Tclp/#81485	255IC	Se Selenium			ND < 1	01/27/1995	01/27/1995	01/27/1995
1552	J.M. Sorce T408 WCC	100	Hold		Soil	CANCEL	01/19/1995	03/07/1995	03/07/1995

Approved by:

M. H.

Report Prep:

K. E. White

KHOV005313

Raytheon Engineers and Constructors
Boothwyn, Pennsylvania
Summary #: 21611

Laboratory Data Summary
Total Petroleum Hydrocarbons by Method 418.1
DRY WEIGHT BASIS

Results Expressed as mg/kg

Sample Number	Sample Description	TPH (as received)	Percent Moisture	TPH (dry weight)
1480	J.M.Sorce T408 WC1	1200	11.3	1400
1481	J.M.Sorce T408 WC3	560	19.9	700
1482	J.M.Sorce T408 WC4	150	14.2	170
1483	J.M.Sorce T408 WC5	1700	12.6	1900
1484	J.M.Sorce T408 WC7	4700	16.0	5600

KHOV005314

Raytheon Engineers and Constructors
Boothwyn, Pennsylvania
Summary #: 21611

Laboratory Data Summary
Total Petroleum Hydrocarbons-Diesel by GC
DRY WEIGHT BASIS

Results Expressed as mg/kg

Sample Number	Sample Description	TPH (as received)	Percent Moisture	TPH (dry weight)
31480	J.M.Sorce T408 WC1	750		
31481	J.M.Sorce T408 WC3	460	11.3	850
81482	J.M.Sorce T408 WC4	86	19.9	570
81483	J.M.Sorce T408 WC5	3300	14.2	100
31484	J.M.Sorce T408 WC7	5900	12.6	3800
			16.0	7000

KHOV005315

LABORATORY ORGANICS DATA SUMMARY

Summary # 21611

007

Log #	Description	Parameter	Result	Limit	Units	Rcvd	Analyzed
81485	J.M.Sorce T408 WCC	Aroclor 1221	ND	11	ug/kg	01/25/1995	01/31/1995
81485	J.M.Sorce T408 WCC	Aroclor 1232	ND	11	ug/kg	01/25/1995	01/31/1995
81485	J.M.Sorce T408 WCC	Aroclor 1016	ND	11	ug/kg	01/25/1995	01/31/1995
81485	J.M.Sorce T408 WCC	Aroclor 1242	ND	11	ug/kg	01/25/1995	01/31/1995
31485	J.M.Sorce T408 WCC	Aroclor 1260	ND	11	ug/kg	01/25/1995	01/31/1995
31485	J.M.Sorce T408 WCC	Aroclor 1248	ND	11	ug/kg	01/25/1995	01/31/1995
81485	J.M.Sorce T408 WCC	Aroclor 1254	ND	11	ug/kg	01/25/1995	01/31/1995
81485	J.M.Sorce T408 WCC	Aroclor 1254	ND	11	ug/kg	01/25/1995	01/31/1995

KHOV005316

RAYTHEON ENGINEERS
ENVIRONMENTAL LABORATORY

Methods Used for Summary# 21611 :

Code	Description
427	TPH, Solids/ EPA-600/4-79-020 Mtd 418.1 with NJDEP mod
763	Methylene chloride ext. for TPH-Diesel/CA LUFT Method 1989
G11	TPH-Distillates by GC-FID/EPA SW-846 Method 8015 Modified
S06	Water by evaporation/ EPA-600 Mtd 160.3
G27BT	Purgeable Aromatics by GC/PID-BTEX Only/EPA 602/SW-846 8020
103	Organic halide, extractable/EPA-600Mtd450.1-mod/SW846 Mtd9020
756PO	Extraction Procedure PCBs only (solids) / SW-846 Method 3550
G14	PCBs by GC/EPA Method 608/SW-846 Method 8080 (PCBs only)
875	Reactivity, Cyanide/SW-846 Section 7.3.3
876	Reactivity, Sulfide/SW-846 Section 7.3.4
461	RCRA Corrosivity-pH/SW-846 Method 9045
873	RCRA Ignitability/SW-846 Method 1010
877	TCLP Leachate/SW-846 Method 1311
291	ICP (>5 Metals)/EPA-600 Method 200.7/SW-846 Method 6010
210IC	Silver by ICP/EPA-600 Method 200.7/SW-846 Method 6010
215IC	Arsenic by ICP/EPA-600 Method 200.7/SW-846 Method 6010
217IC	Barium by ICP/EPA-600 Method 200.7/SW-846 Method 6010
222IC	Cadmium by ICP/EPA-600 Method 200.7/SW-846 Method 6010
227IC	Chromium by ICP/EPA-600 Method 200.7/SW-846 Method 6010
235VL	Mercury by cold vapor AA/EPA-600 Mtd 245.1/SW-846 Mtd 7470
249IC	Lead by ICP/EPA-600 Method 200.7/SW-846 Method 6010
255IC	Selenium by ICP/EPA-600 Method 200.7/SW-846 Method 6010
100	Miscellaneous Analysis

KHOV005317

CHAIN OF CUSTODY DOCUMENTATION

SHIP TO:

Paytheon
Engineers & Constructors
301 CHELSEA PARKWAY
BOOTHWYN, PA 19061
(215) 497-8000
(FAX -8005)

LABORATORY JOB NO.: 7575631

SAMPLERS: (1) A

PHONE: FAX:

REPORT TYPE: TIER I TIER II STANDARD QC OTHER

COMMENTS/SPECIAL HANDLING/STORAGE OR DISPOSAL:

5-8-04 (MT)
4-6-04 (MT) - Composite
1-20-04 (MT) - 1st Subsampled

REPORT RECEIVED BY:

FOR LAB USE ONLY:

P.O. NO.:

DUE DATE: 11/1/04

CORNER SEAL: 111A

ITS: 111

BROKEN: INTACT

COOLER TEMP: 111

DATE: 11/1/04

TIME: 11:15

INITIALS: [Signature]

DATE: 11/1/04

TIME: 11:15

INITIALS: [Signature]

DATE: 11/1/04

TIME: 11:15

INITIALS: [Signature]

DATE: 11/1/04

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TIME: 11:15

INITIALS: [Signature]

DATE: 11/1/04

TIME: 11:15

QUOTE NO.	
SUMMARY NO.	
21611	
LABORATORY NO.	

ANALYSIS
REQUIRED

TPH 10.1
TPH 9.1
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Original - Return w/Report

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PH-Diesel Range Organics-GC/FID-METHOD G11

Page 1

Sample Name : 81480 10g/1ml,1:10 b022026

Report No : 998

Peak Processor : Genie Multilevel : True
Instrument : ADC_2 Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/LOOP/RESULT/D276059.RES
Run Time : 37.00 Min. Injected on Tue Jan 31, 1995 11:21:19 pm

PK#	NAME	RT	Area	AMOUNT
1	C-14	10.76	12859964	750.0
2	o-TERPHENYL(Surr)	14.48	49795	2.5

SUMMED AREAS:

#	NAME	RT	Area	AMOUNT
1	C-14	10.76	12859964	750.0
2	o-TERPHENYL(Surr)	14.48	49795	2.5

TPH Diesel Range Organics: 750 mg/kg or mg/l
(as received)

TPH Non-Diesel Range Organics: _____ mg/Kg or mg/L

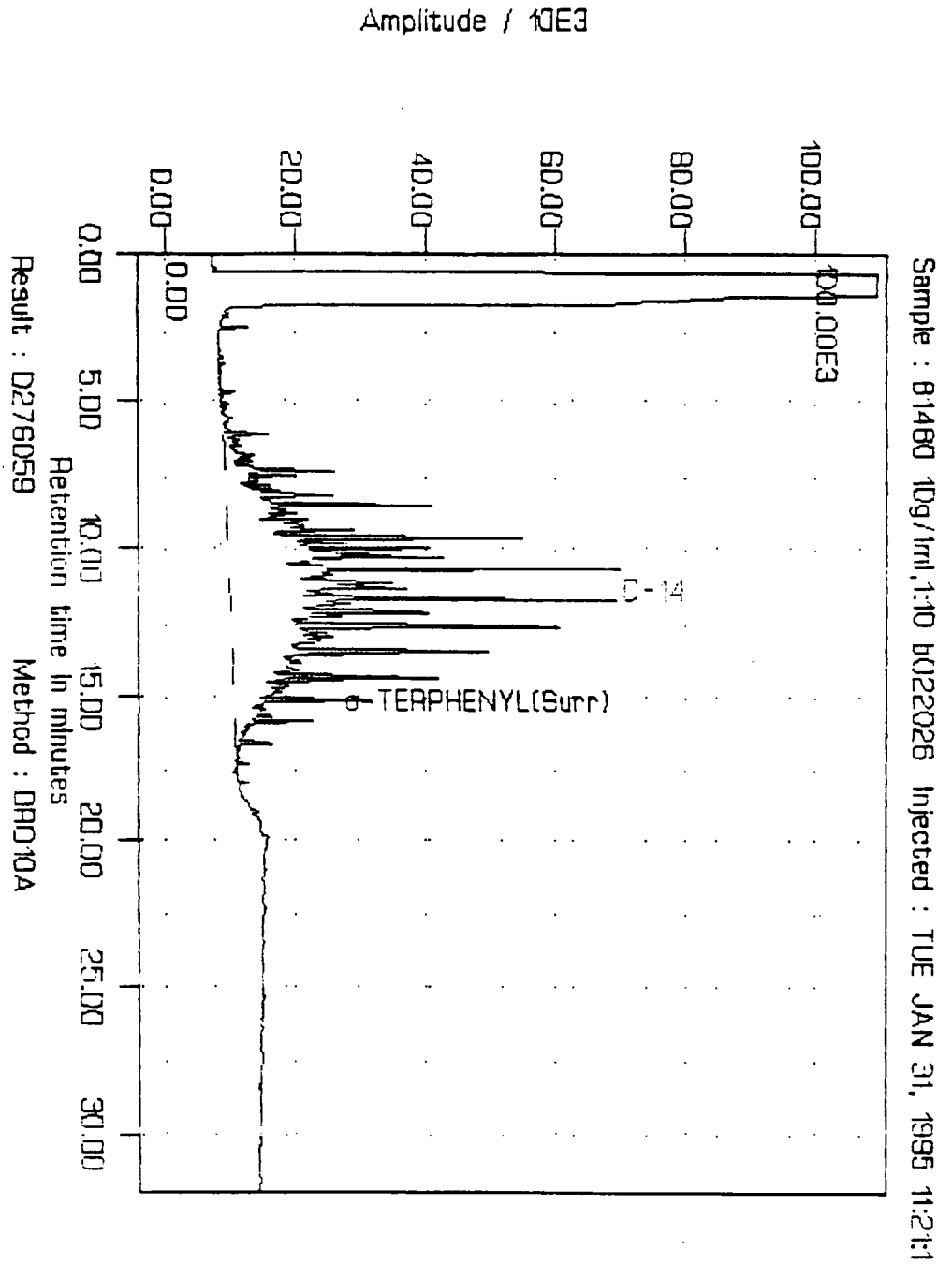
NOTE: Non-diesel organics are any hydrocarbons with a boiling range greater than diesel. The result is calculated based on the diesel range calibration standard.

Surrogate Recovery (o-Terphenyl): K %

Analyst: K

Report Time : Wed Feb 1, 1995 10:32:24 am
Method : /DATA/LOOP/METHOD/DRO10A.MTH

KHOV005320



KH0V005321

RAYTHEON ENGINEERS & CONSTRUCTORS
ENVIRONMENTAL LABORATORY, BOOTHYWN, PA
TPH-DISTILLATES GC/FID (METHOD CODE G11)

013

serModified

TPH-Diesel Range Organics-GC/FID-METHOD G11

Page 1

Sample Name : 81481 10g/1ml,1:10 b022026

Report No : 999

Peak Processor : Genie Multilevel : True
Instrument : ADC_2 Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/LOOP/RESULT/D276060.RES
Run Time : 37.00 Min. Injected on Wed Feb 1, 1995 12:00:10 am

pk#	NAME	RT	Area	AMOUNT
1	C-14	11.73	7892406	460.3
2	o-TERPHENYL(Surr)	14.48	46542	2.3

SUMMED AREAS:

pk#	NAME	RT	Area	AMOUNT
1	C-14	11.73	7892406	460.3
2	o-TERPHENYL(Surr)	14.48	46542	2.3

TPH Diesel Range Organics: 460 mg/Kg or mg/l
(as received)

TPH Non-Diesel Range Organics: _____ mg/Kg or mg/L

NOTE: Non-diesel organics are any hydrocarbons with a boiling range greater than diesel. The result is calculated based on the diesel range calibration standard.

Surrogate Recovery (o-Terphenyl): 100

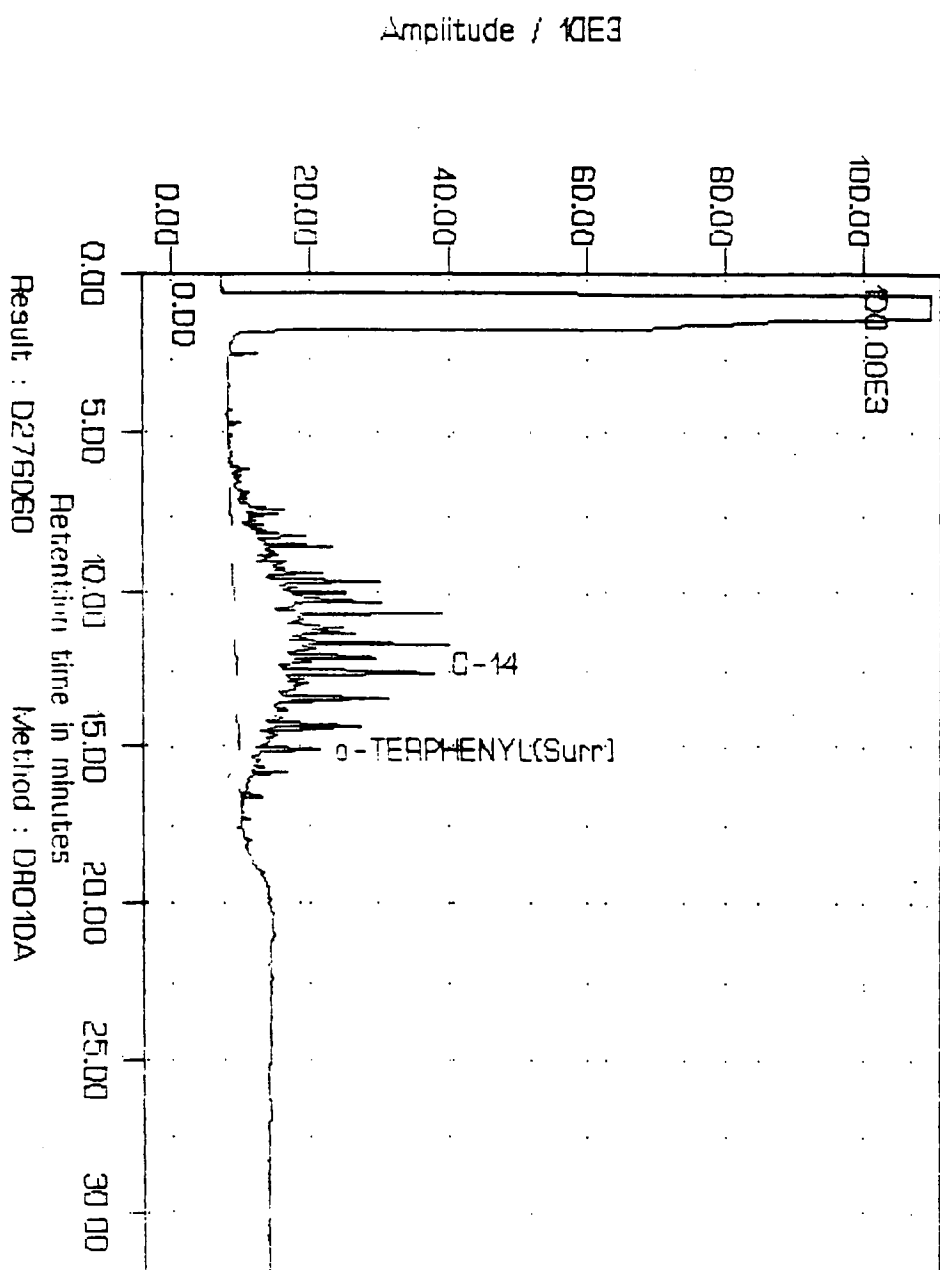
Analyst: 12

Report Time : Wed Feb 1, 1995 10:36:14 am

Method : /DATA/LOOP/METHOD/DRO10A.MTH

KHOV005322

Sample : 81481 10g/ml,1:10 b022026 Injected : WED FEB 1, 1995 12:00:



KHOV005323

UserModified

PH-Diesel Range Organics-GC/FID-METHOD G11

Page 1

Sample Name : 81482 10g/1ml b022026

Report No : 965

Peak Processor : Genie Multilevel : True
Instrument : ADC_2 Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/LOOP/RESULT/D276026.RES
Run Time : 37.00 Min. Injected on Tue Jan 31, 1995 1:38:20 am

PK#	NAME	RT	Area	AMOUNT
1	SOLVENT	1.08	40564136	86.5
2	C-14	10.38	14645046	854.1
3	o-TERPHENYL(Surr)	14.49	343017	17.0
4	C-22	16.17	0	0.0
5	C-24	18.08	129713	7.3
6	Non-Diesel Range Organics	21.06	903685	55.8

SUMMED AREAS:

PK#	NAME	RT	Area	AMOUNT
1	SOLVENT	1.08	40564136	86.5
2	C-14	10.38	14774758	861.4 / 10 = 86.1
3	o-TERPHENYL(Surr)	14.49	343017	17.0
6	Non-Diesel Range Organics	21.06	903685	55.8

TPH Diesel Range Organics: 86 ~~mg/kg~~ or mg/l
(as received)

TPH Non-Diesel Range Organics: _____ mg/Kg or mg/L

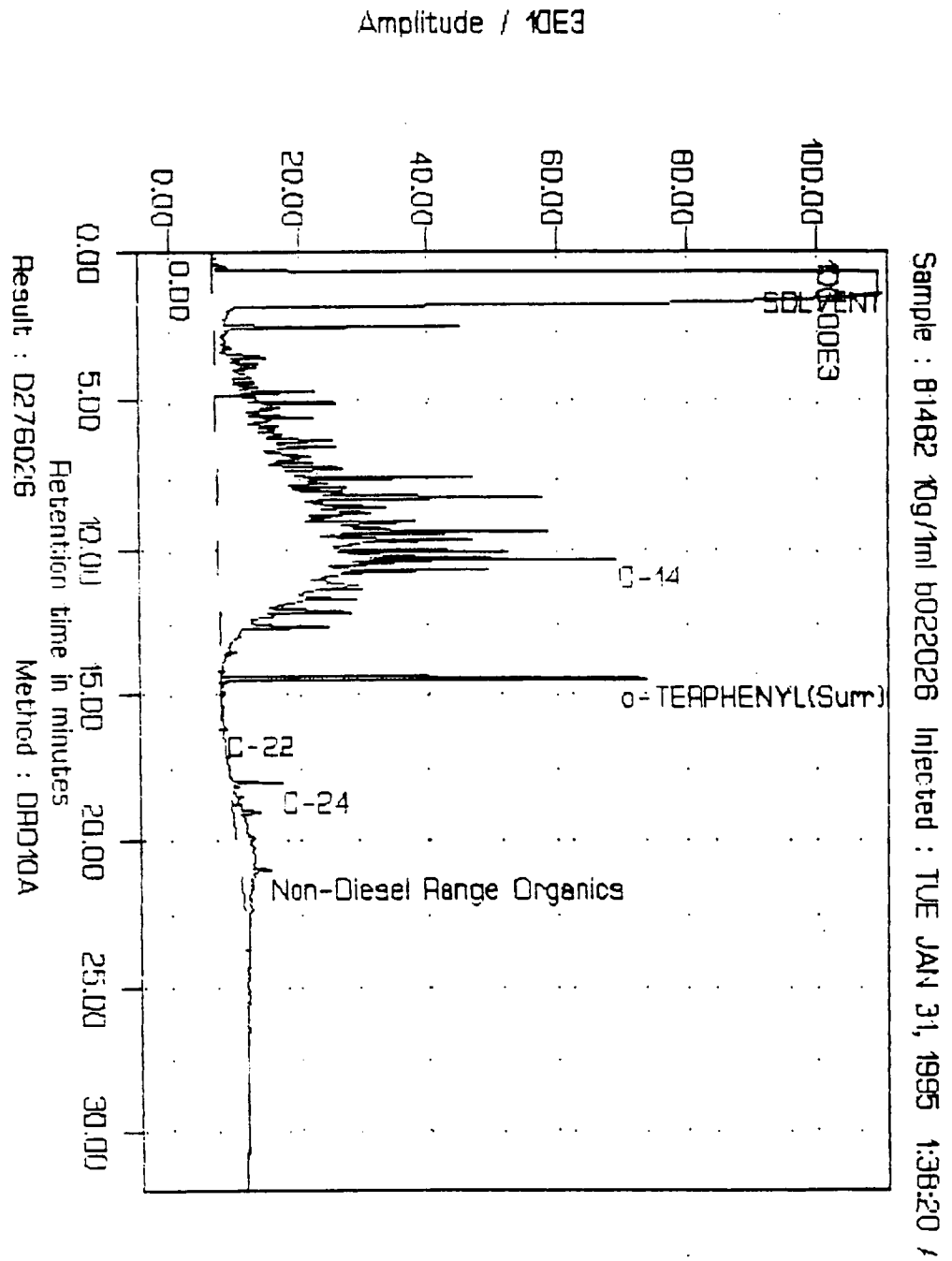
NOTE: Non-diesel organics are any hydrocarbons with a boiling range greater than diesel. The result is calculated based on the diesel range calibration standard.

Surrogate Recovery (o-Terphenyl): %

Analyst: IL

Report Time : Wed Feb 1, 1995 2:19:19 pm
Method : /DATA/LOOP/METHOD/DRO10A.MTH

KHOV005324



KHOV005325

UnModified

TPH-Diesel Range Organics-GC/FID-METHOD G11

Page 1

Sample Name : 81483 10g/1ml,1:20 b022026

Report No : 1000

Peak Processor : Genie

Multilevel : True

Instrument : ADC_2

Application : Loop

Calculation : ExternalSTD

Quantitation: AreaUnits

Result File : /DATA/LOOP/RESULT/D276061.RES

Run Time : 37.00 Min. Injected on Wed Feb 1, 1995 12:39:02 am

PK#	NAME	RT	Area	AMOUNT
1	C-14	10.75	28305328	1650.7
2	o-TERPHENYL(Surr)	14.48	35385	1.8

SUMMED AREAS:

PK#	NAME	RT	Area	AMOUNT
1	C-14	10.75	28305328	1650.7
2	o-TERPHENYL(Surr)	14.48	35385	1.8

TPH Diesel Range Organics: 3.300 mg/kg or mg/l
(as received)

TPH Non-Diesel Range Organics: _____ mg/Kg or mg/L

NOTE: Non-diesel organics are any hydrocarbons with a boiling range greater than diesel. The result is calculated based on the diesel range calibration standard.

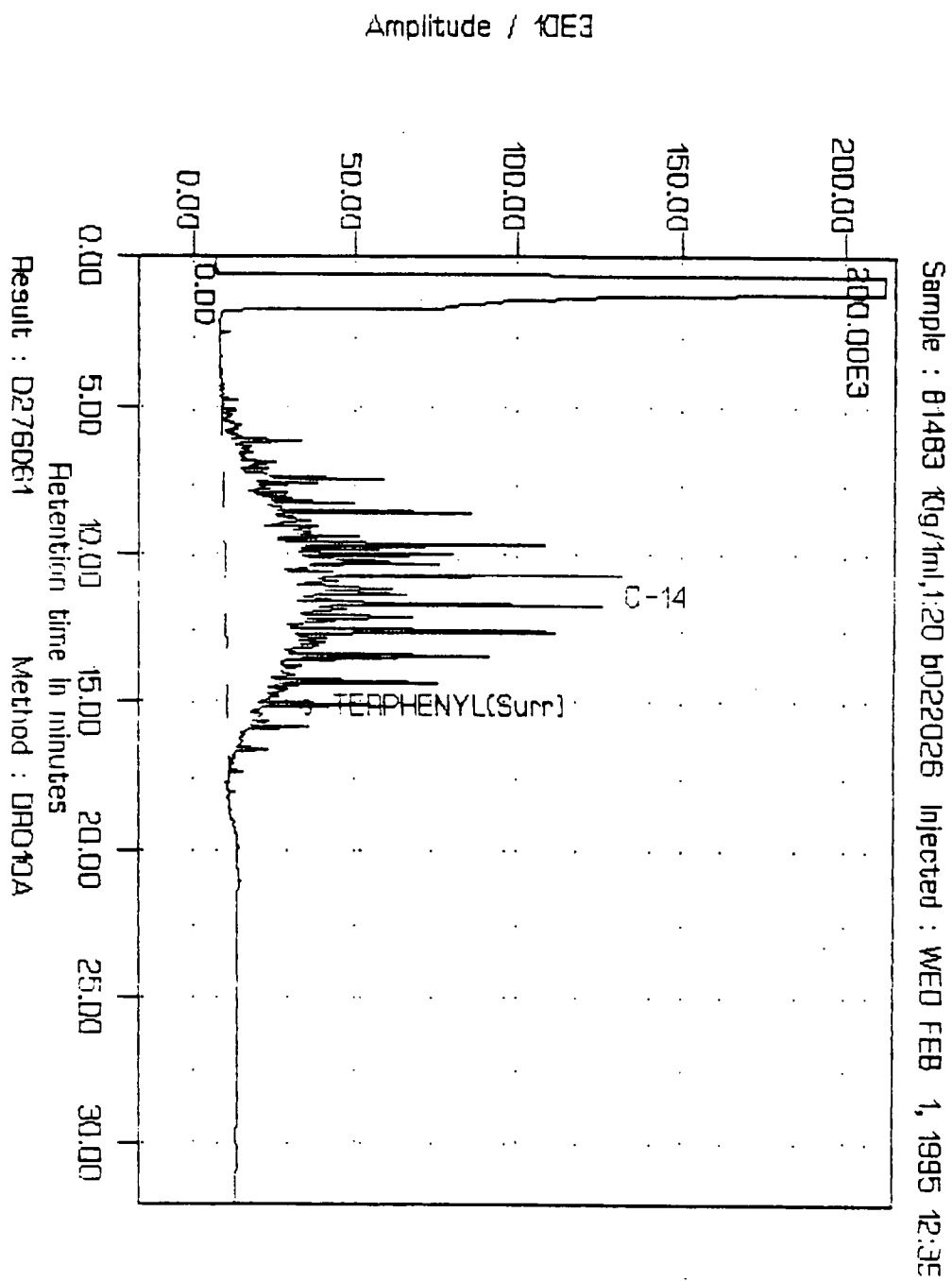
Surrogate Recovery (o-Terphenyl): 105 %

Analyst: JL

Report Time : Wed Feb 1, 1995 10:39:27 am

Method : /DATA/LOOP/METHOD/DRO10A.MTH

KHOV005326



KH0V005327

UserModified

TPH-Diesel Range Organics-GC/FID-METHOD G11

Page 1

Sample Name : 81484 10g/1ml,1:40

Report No : 1015

Sample Processor : Genie Multilevel : True
Instrument : ADC_2 Application : Loop
Calibration : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/LOOP/RESULT/D277004.RES
Run Time : 37.00 Min. Injected on Wed Feb 1, 1995 12:45:11-pm

# NAME	RT	Area	AMOUNT
1 C-14	10.77	25411516	1482.0

IMMED AREAS:

# NAME	RT	Area	AMOUNT
1 C-14	10.77	25411516	1482.0

TPH Diesel Range Organics: 5700 mg/kg or mg/l
(as received)

TPH Non-Diesel Range Organics: _____ mg/Kg or mg/L

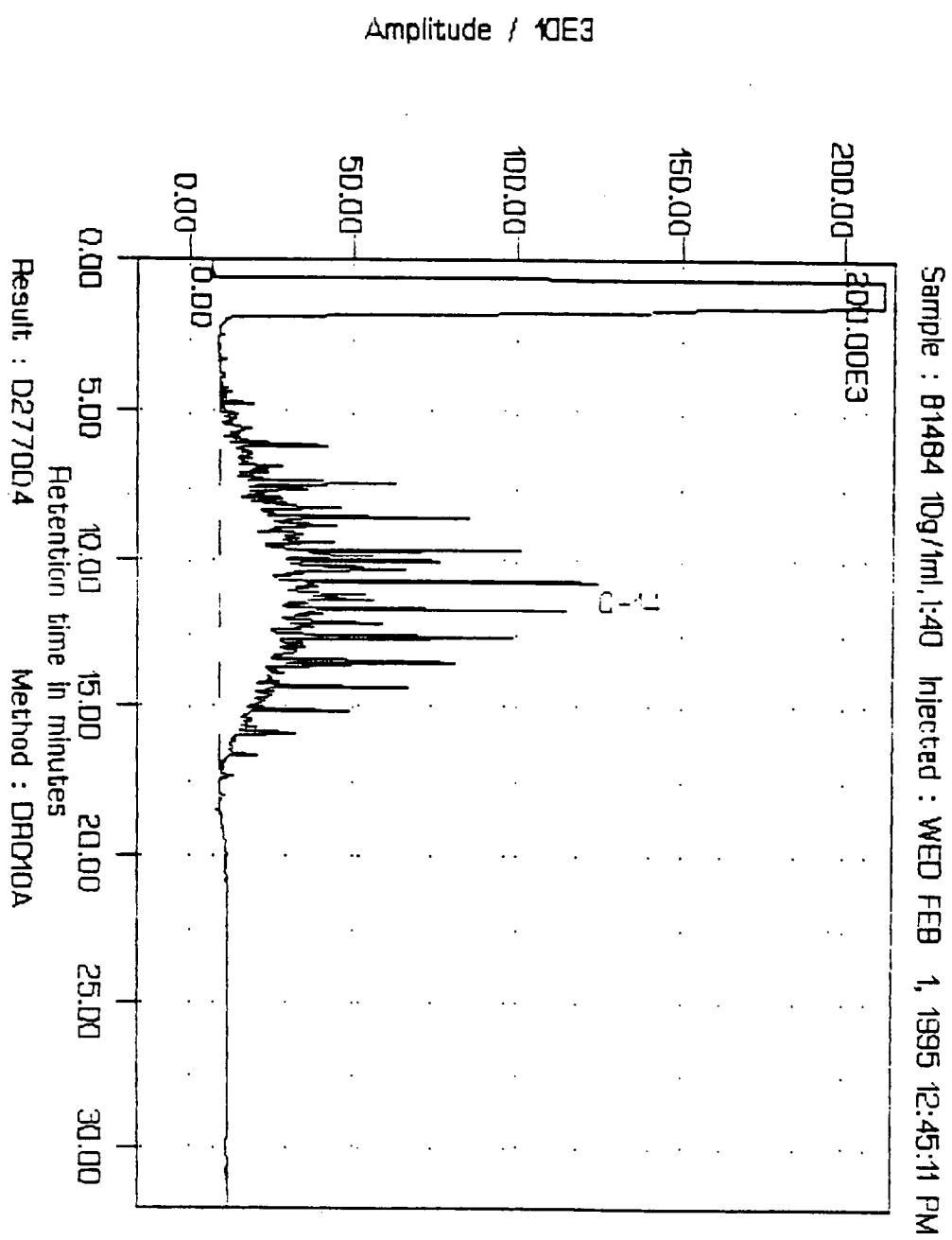
NOTE: Non-diesel organics are any hydrocarbons with a boiling range greater than diesel. The result is calculated based on the diesel range calibration standard.

Surrogate Recovery (o-Terphenyl): 111.5 %

Analyst: KE

Report Time : Wed Feb 1, 1995 2:04:20 pm
Method : /DATA/LOOP/METHOD/DRO10A.MTH

KHOV005328



KH0V005329

2E

Lab Name RAYTHEON ENGINEERS

Contract: N/A

Lab Code: N/A

Case No. : N/A

SAS No. : N/A

SDG No. : N/A

[illegible]

S1 (O-TER) = O-TERPHENYL

Advisory QC
(20-160)

```
# Column used to flag recovery values
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** Interference with TPH

D Surrogates Diluted Out

1D
 PCB ANALYSIS DATA SHEET

LAB SAMPLE # : 81485
 MATRIX : SOIL
 CLIENT ID : J.M.Sorce T408 WCC
 Sample wt/vol : 30g
 % Moisture : 12.0

ANALYSIS DATE : 01/31/1995
 RECVD DATE : 01/25/1995
 ID FILE : g14.id
 DATA FILE : Q1_269040

Compound			Result ug/kg*	Detection Limit ug/kg*
12674-11-2	Aroclor	1016	ND	11
11104-28-2	Aroclor	1221	ND	11
11141-16-5	Aroclor	1232	ND	11
53469-21-9	Aroclor	1242	ND	11
12672-29-6	Aroclor	1248	ND	11
11097-69-1	Aroclor	1254	ND	11
11096-82-5	Aroclor	1260	ND	11

ND - Not Detected
 B - Analyte Also Found in blank
 D - Diluted
 E - Estimated

* Dry Weight Basis
 0.3788
 SUMMARY 21611

KHOV005331

RAYTHEON ENGINEERS & CONSTRUCTORS
ENVIRONMENTAL LABORATORY, BOOTHWYN PA
PCB ANALYSIS REPORT

023

Header Modified

CB1016&1260 METHOD 8081/608/1-91CLP
COLUMN: DB608, 150 TO 275 5 DEG/MIN

Page 1

Sample Name : 81485 30g/10ml J009018

Report No : 629

Peak Processor : Genie Multilevel : True
Instrument : ADC_1 Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/LOOP/RESULT/Q1_269040.RES
Run Time : 32.00 Min. Injected on Tue Jan 31, 1995 12:46:33 pm

INDIVIDUAL PEAKS:

PK#	RT	AREA	AMOUNT	NAME
32	6.19	1656122	77.86	TCMX (SURR)
45	27.56	1298223	51.14	DCB (SURR)

SUMMED TOTAL FOR PCBs:

PK#	RT	AREA	AMOUNT	NAME
32	6.19	1656122	77.86	TCMX (SURR)
45	27.56	1298223	51.14	DCB (SURR)

AVERAGE CONCENTRATION: _____

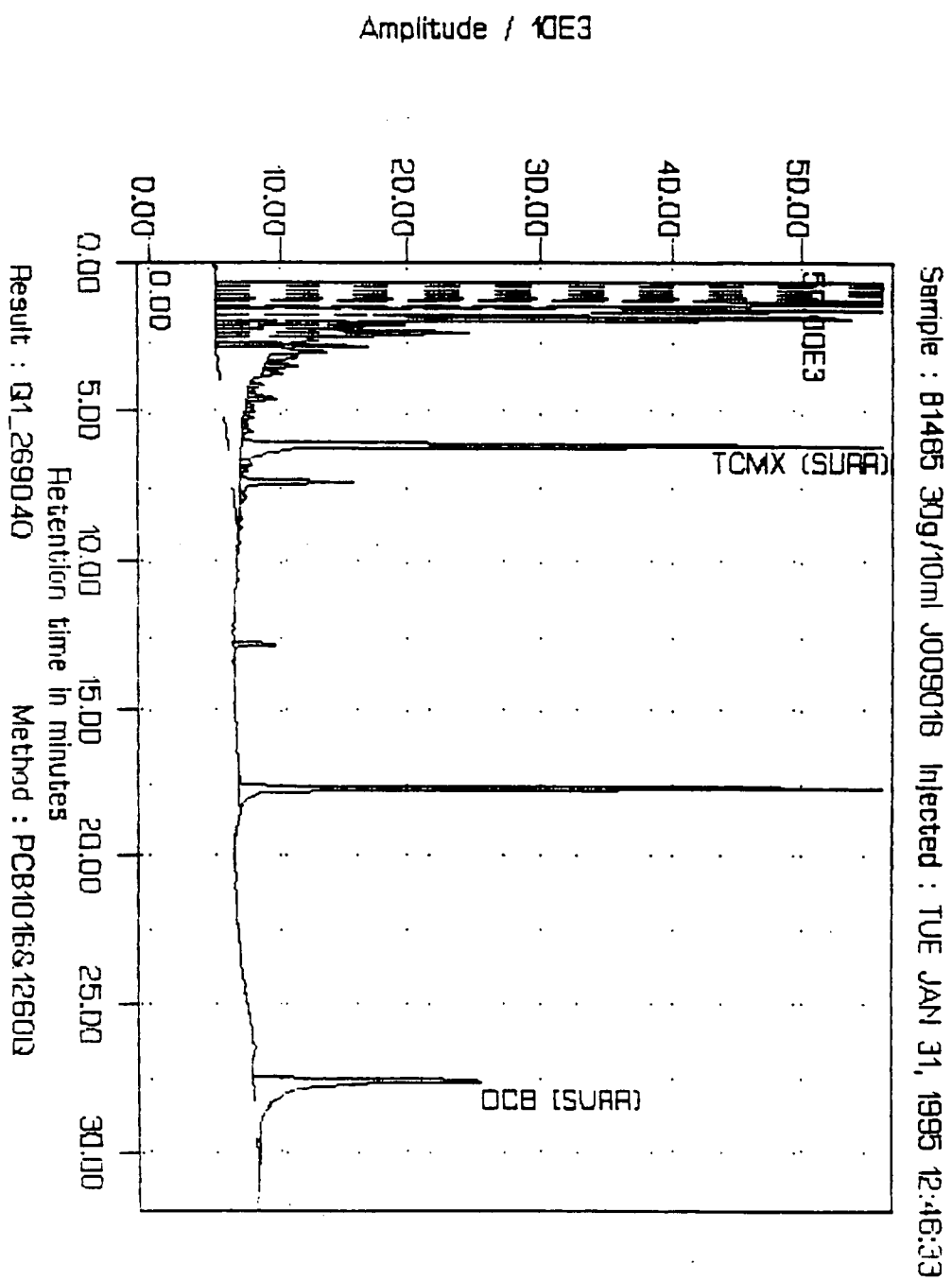
SAMPLE CONCENTRATION : ND ug/L or ug/Kg

SURROGATE RECOVERY : TCMX = 78 % DCB = 51 %

Report Time : Wed Feb 1, 1995 1:59:37 pm
Method : /DATA/LOOP/METHOD/PCB1016&1260Q.MTH
SEQUENCE : /DATA/LOOP/SEQUENCE/Q1_269.SEQ

Analyst: ML

KHOV005332



KH0V005333

KHOV005334

VOLATILE ORGANIC COMPOUNDS DATA SHEET

LAB SAMPLE # : 81485
 MATRIX : SOIL
 CLIENT ID : J.M.Sorce T408 WCC
 Sample wt/vol : 0.04G
 Moisture : 12.0

ANALYSIS DATE : 01/26/1995
 RECVD DATE : 01/25/1995
 ID FILE : g27bt.id
 DATA FILE : c3674

Compound		Result (ug/kg)	Detection Limit (ug/kg)
71-43-2	Benzene	ND	71
08-88-3	Toluene	240	71
00-41-4	Ethyl Benzene	85	71
330-20-7	m&p-Xylenes	210	71
95-47-6	O-Xylene	3000	71

ND - Not Detected
 J - Indicates an Estimated Value below MDL
 B - Analyte Also Found in blank
 D - Diluted
 E - Estimated

142.0SUMMARY 21611

KH0V005335

2E
SOIL BTEX SURROGATE RECOVERY

Lab Name: RAYTHEON ENGINEERS

Contract: N/A

	EPA SAMPLE NO.	S1 (BFB) #	OTHER
01	METHOD BLANK	105	
02	81485	69	
03			
04			
05			
06			
07			
08			
09			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

S1 (BFB) = Bromofluorobenzene

ADVISORY
QC LIMITS
(56-140)

Column used to flag recovery values

* Values outside of QC limits

D Surrogates diluted out

APPENDIX E
SOIL RECYCLING DOCUMENTATION

KHOV005337



State of New Jersey
Department of Environmental Protection

Christine Todd Whitman
Governor

Division of Solid Waste Management
CN 414

Trenton, NJ 08625-0414
Tel. # 609-530-8207
Fax. # 609-530-8899

FEB 16 1995

Robert C. Shinn, Jr.
Commissioner

Skip Kelleher
K. Hovnanian Companies, Society Hill at University Heights
71 Wickliffe Street
Newark, NJ 07103

Dear Sir or Madam:

This is in response to your letter regarding the reuse of petroleum hydrocarbon contaminated soil. Soils containing less than 30,000 ppm total petroleum hydrocarbons, provided they do not contain other hazardous wastes sufficient to classify them as a hazardous waste, are usually classified as ID-27, dry industrial waste. Generally, soils classified as ID-27 must be directed to the designated county solid waste facility permitted to receive such waste for disposal as specified in the solid waste flow rules. However, an exemption to the solid waste regulation as specified at N.J.A.C. 7:26-1.1(a)1, is allowed for solid waste that is separated at the point of generation and sent to an approved facility for reuse. Also, exempted is waste that is handled as hazardous waste, manifested in accordance with the rules and regulations as set forth at N.J.A.C. 7:26-7, and transported directly to a hazardous waste facility from the point of generation.

In order to send ID-27 petroleum hydrocarbon contaminated soil out-of-state pursuant to the exemption to the waste flow directives at N.J.A.C. 7:26-6, our office requires a check made out to the Treasurer, State of New Jersey for the payment of the applicable Recycling Exemption Authorization Review Fee and the following items:

1. A letter sent to the Division of Solid Waste Management (Division) from the generator, certifying that the soil in question has been analyzed or is known, in accordance with N.J.A.C. 7:26-8.5, to contain less than 30,000 ppm petroleum hydrocarbons from non-waste sources, or other contaminants which would not cause the soil to be classified as a hazardous waste.
2. A letter sent to the Division of Solid Waste Management from the receiving facility stating that they agree to accept the specified amount of soil and indicated their intention to beneficially use or reuse the soil and the time frame for such activity from date of receipt at the facility. In addition, we request that you send this information directly to the solid waste coordinator of the county of the soil's origin.

KHOV005338

PH (215)278-6902
FAX(215)278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Heights
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

44.75 GROSS
12.65 TARE
32.10 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name

US Bulk

Driver Name (Print)

Wayne Smith

Address

Fountainville PA

Vehicle License No./State

AJ39031 PA

Truck Number

301-6

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005339

Site Name Soil Remediation of Philadelphia, Inc.

Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Generator

Yellow - Broker

Pink - Contractor

Goldenrod - Trucking Co.

PH (215) 278-6902
FAX (215) 278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Heights

Address 65 Jackson Drive Address Corner of Matthews and Churchman

Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum

Contaminated Soil

Non DOT/RCRA Regulated

Codes

46.46 GROSS

14.10 TARE

~~14.10~~ 32.36 NET

32.36 TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name US Bulk

Driver Name (Print) STEVEN LONG

Address Fairmount Pa

Vehicle License No./State AB0047 PA

Truck Number 301-1

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005340

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215) 724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Generator

Yellow - Broker

Pink - Contractor

Goldenrod - Trucking Co.

③

PH. (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

Log Number

NON-HAZARDOUS MATERIAL MANIFEST GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Heights
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

43.50 GROSS
14.40 TARE
29.50 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Jan Bailey Signature 2/9/95 Shipment Date

TRANSPORTER

Transporter Name OS Bulk Driver Name (Print) GARY BENSON
Address Footenwiller Rd Vehicle License No./State AB033712
Truck Number 8 301-2

I hereby certify that the above named material was picked up at the generator site listed above.
Gary Benson 2-9-95
Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.
Gary Benson 2-9-95
Driver Signature Delivery Date

DESTINATION

KHOV005341

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215)724-5520
Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J.P.P. Signature _____ Receipt Date _____
Name of Authorized Agent

White - Facility Green - Generator Yellow - Broker Pink - Contractor Gold/Red - Trucking Co.

WASTE CONCEPTS
INCORPORATED

**NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR**

Log Number

Generator Name K. Bovnanian at Newark URC III Shipping Location Society Hill @ Univ. Heights
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material
Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

47.37 GROSS
14.00 TARE
33.37 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Jan Bailey Signature 2/9/95 Shipment Date

TRANSPORTER

Transporter Name U.S. Bulk Driver Name (Print) Doug Meppes
Address RT 313 Po Box 22 Vehicle License No./State AB-36556 PA
Fountainville PA Truck Number 301-5

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 2/9/95 Driver Signature _____ Delivery Date _____

DESTINATION

KH0V005342

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215) 724-5520
Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent SAP Signature [Signature] Receipt Date 2-9-95

White - Facility Green - Generator Yellow - Broker Pink - Contractor Goldenrod - Trucking Co.

Log Number

PH (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval Number	Description of Material	Codes	40.96	GROSS
	Non-Regulated Petroleum		16.55	TARE
	Contaminated Soil		24.41	NET
	Non DOT/RCRA Regulated			TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Jon Bailey Signature 2/9/95 Shipment Date

TRANSPORTER

Transporter Name Indian Valley Bulk Services Driver Name (Print) Donald Garrett
Address Ridge Rd Vehicle License No./State AA 74513 PA
tylersport Pa Truck Number 8816

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Donald Garrett 2-9-95 Donald Garrett 2-9-95
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

KHOV005343

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215)724-5520
Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

S. P. P. [Signature] 2-9-95
Name of Authorized Agent Signature Receipt Date

Yellow - Broker Pink - Contractor Goldenrod - Trucking Co.

PH (215)278-6902
FAX(215)278-6915

WASTE CONCEPTS
INCORPORATED

Log Number

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K.Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts

Address 65 Jackson Drive Address Corner of Matthews and Churchman

Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

39.91 GROSS
16.15 TARE
23.76 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name TVBC

Driver Name (Print) JEFF DAVIES

Address RT 563

Vehicle License No./State AA 61409 PA

Tylosport PA

Truck Number 8728 159 P

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005344

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White — Facility

Green — Generator

Yellow — Broker

Pink — Contractor

Goldenrod — Trucking Co.

PH (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

39.80 GROSS
15.55 TARE
23.65 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name Indian Valley Bulk

Driver Name (Print) Ed Paige Jr.

Address Tylersport P.A.

Vehicle License No./State P.A. AA 62788

Truck Number 8730

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005345

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Generator

Yellow - Broker

Pink - Contractor

Goldenrod - Trucking Co.

PH (215) 278-6902
FAX (215) 278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark IRC III Shipping Location Society Hill @ Univ. Heights
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

42.74 GROSS
12.89 TARE
29.85 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name

Driver Name (Print)

Address

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

Site Name Soil Remediation of Philadelphia, Inc.

Phone No. (215) 724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Generator

Yellow - Broker

Pink - Contractor

Goldenrod - Trucking Co.

PH (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Log Number

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Heights
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

Codes

43.17 GROSS
15.55 TARE
2762 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name

Driver Name (Print)

Address

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005347

Site Name Soil Remediation of Philadelphia, Inc.

Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

PH (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

Log Number

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts

Address 65 Jackson Drive Address Corner of Matthews and Churchman

Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum

Contaminated Soil

Non DOT/RCRA Regulated

Codes

49.16 GROSS

15.50 TARE

33.66 NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name INDIAN VALLEY BULK CARRIER Driver Name (Print) JIM BIZOPNYAN

Address RIDGE RD Vehicle License No./State AB-18884 PA.

TYLERSPORT, PA. Truck Number 8810

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005348

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White — Facility

Green — Generator

Yellow — Broker

Pink — Contractor

Goldenrod — Trucking Co.

PH (215)278-6902
FAX(215)278-6915

WASTE CONCEPTS
INCORPORATED

**NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR**

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts

Address 65 Jackson Drive Address Corner of Matthews and Churchman

Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum

Contaminated Soil

Non DOT/RCRA Regulated

Codes

4742

GROSS

16.75

TARE

30.67

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name Indian Valley Bulk Driver Name (Print) Jeff Buckler

Address Gylersport Pa Vehicle License No./State AA-61208

Truck Number 8722

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005349

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White — Facility

Green — Generator

Yellow — Broker

Pink — Contractor

Goldenrod — Trucking Co.

PH (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

Log Number

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval Number	Description of Material	Codes	
	Non-Regulated Petroleum		<u>41.25</u> GROSS
	Contaminated Soil		<u>16.25</u> TARE
	Non DOT/RCRA Regulated		<u>25.00</u> NET
			____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Jon Bailey Signature 2/9/95 Shipment Date

TRANSPORTER

Transporter Name Indian Valley Driver Name (Print) WAYNE REIMAN
Address Ridge Rd Vehicle License No./State AB 50243 Pa
Lyonsport Pa Truck Number 9416-813

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Wayne Reiman Shipment Date 2-9-95 Driver Signature Wayne Reiman Delivery Date 2-9-95

DESTINATION

KHOV005350

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215)724-5520
Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent S.R.C. Signature [Signature] Receipt Date 2-9-95

PH. (215) 278-6902
FAX (215) 278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Log Number

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Heights
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

41.25 GROSS
16.25 TARE
25.00 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name

Driver Name (Print)

Address

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005351

Site Name Soil Remediation of Philadelphia, Inc.

Phone No. (215) 724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Generator

Yellow - Broker

Pink - Contractor

Goldenrod - Trucking Co.

PH (215)278-6902
FAX (215)278-6915



WASTE CONCEPTS
INCORPORATED

Log Number

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Heights

Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

36.62 GROSS
15.40 TARE
21.62 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name Indian Valley Bulk Driver Name (Print) ROBERT L. CORNWELL II

Address RIDGE RD Vehicle License No./State AA 84178

TYLERSPORT Truck Number 70A

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005352

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White — Facility

Green — Generator

Yellow — Broker

Pink — Contractor

Goldenrod — Trucking Co.

PH (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Log Number

Generator Name K.Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts

Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066

Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

45.96 GROSS
16.55 TARE
29.41 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name

Driver Name (Print)

Address

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005353

Site Name Soil Remediation of Philadelphia, Inc.

Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Generator

Yellow - Broker

Pink - Contractor

Goldenrod - Trucking Co.

PH (215)278-6902
FAX(215)278-6915

WASTE CONCEPTS
INCORPORATED

Log Number

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K.Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

43.70 GROSS
16.75 TARE
26.95 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name

Driver Name (Print) JAMES HOLTENBERG

Address

Vehicle License No./State PA-PA 46173

Truck Number 9408

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

James Holtenberg 2-9-95
Driver Signature Shipment Date

James Holtenberg 2-10-95
Driver Signature Delivery Date

DESTINATION

KHOV005354

Site Name Soil Remediation of Philadelphia, Inc.

Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White — Facility Green — Generator Yellow — Broker Pink — Contractor Goldenrod — Trucking Co.

PH (215)278-6902
FAX(215)278-6915



WASTE CONCEPTS
INCORPORATED

Log Number

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K.Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts

Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

43.99 GROSS
16.15 TARE
27.84 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name IUBC

Driver Name (Print) JEFF DAVIES

Address RT 563

Vehicle License No./State AA 61409 PA

TYLERSPORT PA

Truck Number 8728 - 159

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005355

Site Name Soil Remediation of Philadelphia, Inc.

Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Generator

Yellow - Receiver

PH (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

Log Number

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts

Address 65 Jackson Drive Address Corner of Matthews and Churchman

Cranford, NJ 07016

Newark, NJ 07101

Phone No. (908) 218-0066

Phone No. _____

Approval
Number

Description of Material

Codes

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

42.40 GROSS
15.55 TARE
26.85 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name Idain Valley Bulk

Driver Name (Print)

Address TYLERSPORT P.A.

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005356

Site Name Soil Remediation of Philadelphia, Inc.

Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Generator

Yellow - Broker

Pink - Contractor

Goldenrod - Trucking Co.

PH (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Log Number

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts
Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

42.69 GROSS
12.65 TARE
30.04 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name US Bulk

Driver Name (Print) Wayne Smith

Address Fontaineville PA

Vehicle License No./State AB34671PA

Truck Number 301-6

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005357

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White — Facility

Green — Generator

Yellow — Broker

Pink — Contractor

Goldenrod — Trucking Co.

PH (215) 278-6902
FAX (215) 278-6915

WASTE CONCEPTS
INCORPORATED

Log Number

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Heights
Address 65 Jackson Drive Address Corner of Matthews and Churchmen
Cranford, NJ 07016 Newark, NJ 07101
Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

44.90 GROSS
12.89 TARE
32.01 NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name

Driver Name (Print)

Address

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005358

Site Name Soil Remediation of Philadelphia, Inc.

Phone No. (215) 724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White — Facility

Green — Generator

Yellow — Broker

Pink — Contractor

Goldenrod — Trucking Co.

PH (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts

Address 65 Jackson Drive Address Corner of Matthews and Churchman

Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Codes

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

4364 GROSS
1410 TARE
2954 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name

Driver Name (Print)

Address

Vehicle License No./State

Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005359

Site Name Soil Remediation of Philadelphia, Inc.

Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Generator

Yellow - Broker

Pink - Contractor

Goldenrod - Trucking Co.

23
PH (215) 278-6902
FAX (215) 278-6915



WASTE CONCEPTS
INCORPORATED

Log Number

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts

Address 65 Jackson Drive Address Corner of Matthews and Churchman
Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066 Phone No. _____

Approval Number	Description of Material	Codes
	Non-Regulated Petroleum	<u>43.45</u> GROSS
	Contaminated Soil	<u>14.60</u> TARE
	Non DOT/RCRA Regulated	<u>29.45</u> NET
		TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name Jan Bailey Signature 2/10/95 Shipment Date

TRANSPORTER

Transporter Name V.S. Bulk Driver Name (Print) Doug Nappes
Address RT 313 Po Box 24 Vehicle License No./State AB-36556 / Pa
Fountainville Pa. Truck Number 301-5

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 2/10/95 Driver Signature [Signature] Delivery Date 2/10/95

DESTINATION

KHOV005360

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215) 724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

S.R.P. Name of Authorized Agent Signature [Signature] Receipt Date 2-10-95

PH. (215) 278-6902
FAX (215) 278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Hgts

Address 65 Jackson Drive Address Corner of Matthews and Churchman

Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

42.90 GROSS
12.65 TARE
30.25 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name US Bulk

Driver Name (Print) Wayne Smith

Address Fountainville PA

Vehicle License No./State A1339031 PA

Truck Number 301-6

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005361

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215) 724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

PH (215)278-6902
FAX (215)278-6915

WASTE CONCEPTS
INCORPORATED

NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR

Generator Name K. Hovnanian at Newark URC III Shipping Location Society Hill @ Univ. Heights

Address 65 Jackson Drive Address Corner of Matthews and Churchman

Cranford, NJ 07016 Newark, NJ 07101

Phone No. (908) 218-0066 Phone No. _____

Approval
Number

Description of Material

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

Codes

44.63 GROSS
15.70 TARE
28.93 NET
____ TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name

Signature

Shipment Date

TRANSPORTER

Transporter Name Foster

Driver Name (Print) JACK RIDGWAY

Address WOODSTOWN NJ

Vehicle License No./State XY548D

Truck Number #8

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature

Shipment Date

Driver Signature

Delivery Date

DESTINATION

KHOV005362

Site Name Soil Remediation of Philadelphia, Inc. Phone No. (215)724-5520

Address 3201 S. 61st Street Philadelphia, PA 19153

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent

Signature

Receipt Date

White - Facility

Green - Generator

Yellow - Broker

Pink - Contractor

Goldenrod - Trucking Co.